

Orient Readers

IV



THE
ORIENT READERS

No. IV

BY

ERIC ROBERTSON M.A.

PROFESSOR OF THE HISTORY OF LITERATURE
AND LATE VICE-CHANCELLOR, UNIVERSITY OF LONDON

ILLUSTRATED

London
MACMILLAN AND CO.
AND NEW YORK
1912

NOTICE

*Messrs. MACMILLAN & Co. beg to announce
that the only authorised Urdu Notes and
Translations of the "Orient Readers" are
those published by Munshi Gulab Singh,
Punjab Central Book Depot, Lahore.*

1	MAKING THE SLIPPER	1
2	FIVE AND NO EYES ON THE ROAD	2
3	THE HAPPINESS OF THE LOWLY AS WITH A MAN	3
4	FOR PROGRESS FOR THE MAN	14
5	THE CALIFORNIA OF 1848	15
6	THE CALIFORNIA MAN	19
7	THE MAN FOR	21
8	HEADING TO THE	21
9	LEAVING THE ROAD	21
	Part I	21
	Part II	21
10	THE FIVE OF THE ROAD	21
11	WIND AND WIND	21
	General or Inside Wind	21
	Local Wind	21
12	THE CHURCH	21
13	THE HILL OF PROGRESS	21
14	LEAVE TO FATHERLAND	21
15	RESCUE	21
16	THE FIVE	21
17	A FIVE OF THE ROAD	21
18	A FIVE OF THE ROAD	21
19	THE FIVE	21
20	THE FIVE OF THE ROAD	21
	Part I	21
	Part II	21
	Part III	21

CHAPTER	PAGE
21. INVENTION OF THE MICROSCOPE AND THE TELESCOPE .	80
22. SELF EXALTATION AND CENSURE OF OTHERS CONDENSED .	82
23. GOOD MANNERS .	83
24. THE HOUR OF PRAYER .	86
25. HOW THE RAJAH TOOK THE CENSURE—	
1. The Rajah's Difficulty .	87
2. The Rajah's Device .	90
3. The Procession to the Mountain .	92
4. What came of It .	95
26. HEALTH AND DISEASE .	99
27. CROSSING A HIMALAYAN GLACIER .	103
28. THE TWO FRIENDS OF STRENGTH .	107
29. THE THREE GIANTS—	
Part I .	112
Part II. .	118
Part III .	122
Part IV. .	125
Part V. .	127
Part VI. .	129
Part VII .	134
Part VIII .	136
Part IX .	142
Part X. .	146
30. LET NOT THE SUN GO DOWN UPON YOUR WRATH. .	151
31. ON THE CULTIVATION OF THE INTELLECTUAL POWERS .	152
32. SECURITY .	155
33. THE LADDER OF ST. AUGUSTINE .	158
34. INCENTIVES TO EXERTION .	160
35. HOW SOON IS MADE—	
Part I. .	164
Part II. .	170
36. THE THREE WARTINGS .	174
37. LABOUR AND GENIUS .	175
38. AGAINST CRUELTY TO ANIMALS .	183
39. IF IT CONSTITUTES A STATE?	186

No. IV.

Lesson I.

WALKING THE STREETS.

1 HAVE you ever walked through the crowded streets of a great city? What shoals of people pouring in from opposite quarters like torrents meeting in a narrow valley? You would imagine it impossible for them to get through, yet all pass on their way without stop or molestation.

2 Were each man to proceed exactly in the line in which he set out, he could not move many paces without encountering another fall in his track. They would strike against each other fall back push forward again, block up the way for themselves and those after them, and throw the whole street into confusion. All this is avoided by every man's yielding a *little*.

3 Instead of advancing square, stiff, with arms stuck out, every one who knows how to walk in the

streets, glides along, his arms close, his body oblique and flexible, his track gently winding, leaving now a few inches on this side, now on that, so as to pass and be passed without touching, in the smallest possible space. He pushes no one into the kennel, nor goes into it himself. *By mutual accommodation*, the path, though narrow, is made to hold them all. He goes neither much faster nor much slower than those who go in the same direction.

4 Just so it is in our progress through the world,—a thousand things stand continually in our way. Some people meet us full in the face, with opposite opinions and inclinations. Some stand before us in our pursuit of pleasure or interest, and others follow close upon our heels. Now, we ought, in the first place, to consider, *that the road is as free for one as for another*; and, therefore, we have no right to expect that persons should go out of their way to let us pass, any more than we out of ours. Then, if we do not mutually yield, and accommodate a little, it is clear that we must stand still, or be thrown into a perpetual confusion of squeezing and jostling. If we are all in a hurry to get on as fast as possible to some point of pleasure or interest in our view, and do not occasionally hold back, when the crowd gathers, and angry contentions arise, we shall only augment the tumult, without advancing our own progress. On the whole, it is our business to move onwards, steadily, but quietly, obstructing others as little as possible, in a little to this man's prejudices, and that man's desires, and doing everything in our power to

make the journey of life easy to all our fellow-travellers, as well as to ourselves.

Pronounce and spell—

op'-pos-ite	flex'-i-ble	in-clin a'-tion
tor'-ents	ken'-nel	oc-ca'-sion-al-ly
mon-est a'-tion	ma'-ta-al {tion	ta'-mult
en-coun'-ter-ing	ac-com-mo-da'-	ob-struct'ing
ob-l'ique	con-tin' u-al-ly	pre'-ju-dice

Lesson II.

EYES AND NO EYES. OR, THE ART OF SEEING.

1 AMONG the old-fashioned books for boys which I used to read when I was a boy, was one that taught me that the mere reading of wise books does not make any one wise; and therefore I am more grateful to that old-fashioned book than if it had been as full of wonderful pictures as all the natural-history books you ever saw. Its name was *Evenings at Home*; and in it was a story called "Eyes and no Eyes"; a regular old-fashioned, prim, sententious story; and it began thus:

2 "Well, Robert, where have you been walking this afternoon?" said Mr. Andrews to one of his pupils at the close of a holiday.

Oh—Robert had been to Broom Heath, and round

with his eyes open, another with his eyes shut, and upon this difference depends all the superiority of knowledge which one man acquires over another. I have known sailors who had been in all the quarters of the world, and could tell you nothing but the signs of the tipping-houses, and the price and quality of the liquor. On the other hand, Franklin could not cross the Channel without making observations useful to mankind. While many a vacant, thoughtless youth is whirled through Europe without gaining a single idea worth crossing the street for, the observing eye and inquiring mind find matter of improvement and delight in every ramble. You, then William, continue to use your eyes. And you Robert learn that eyes were given to you to use."

7. So said Mr Andrews and so I say, dear boys—and so says he who has the charge of you—to you. *Therefore I beg all good boys among you to think over this story, and settle in their own minds whether they will be "Eyes," or "No Eyes," whether they will as they grow up, look and see for themselves what happens or whether they will let other people look for them, or pretend to look, and dupe them and lead them about—the blind leading the blind till both fall into the ditch.*

8 I say "good boys," not merely clever boys, or prudent boys: because using your eyes or not using them, is a question of doing right or doing Wrong. God has given you eyes, it is your duty to God to use them. If your parents tried to teach you your lessons in the most agreeable way, by beautiful

picture-books, would it not be ungracious, ungrateful, and altogether naughty and wrong, to shut your eyes to those pictures, and refuse to learn? And is it not altogether naughty and wrong to refuse to learn from your Father in Heaven, the Great God who made all things, when He offers to teach you all day long by the most beautiful and most wonderful of all picture-books, which is simply all things which you can see, hear, and touch, from the sun and stars above your head to the mooses and insects at your feet? It is your duty to learn His lessons: and it is your interest. God's Book, which is the Universe, and the reading of God's Book, which is Science, can do you nothing but good, and teach you nothing but truth and wisdom. God did not put this wondrous world about your young souls to tempt or to mislead them.

Kingsley's Madam How and Lady Why

Pronounce and spell—

sen-ten'tions	hand'-ker-chief	su-per-i-or'i-ty
pal'pal	ge-o'-graph-y	un-gra'-tious
win'-dow		

Lesson III.

THE USEFULNESS OF THE LOWER ANIMALS TO MAN

1 All things that the Benevolent Creator has provided upon our globe are admirably connected with one

another, so as to contribute to their mutual preservation. The earth itself, with its rocks and sands, its ores and its salts, owes its origin and continuance to the elements. The trees, plants, herbs, and all the vegetables, draw their subsistence from the earth, while the animals, in their turn, feed upon the vegetables. The earth gives nourishment to the plant, the plant is food for the insect, the insect for the bird, the bird for wild beasts; and in rotation the wild beasts become the prey of the vulture, the vulture of the insect, the insect of the plant, and the plant of the earth. Even man, who endeavours to turn all these things to his own use, becomes himself their prey.

2. Such is the circle in which all things here take their course, that all beings were created for one another. Tigers, lynxes, bears, and a number of other animals provide us with skins and furs to cover us, dogs pursue the hare and the stag, to furnish our tables; the terrier drives the rabbit from its deepest recesses into our snares; the horse, the elephant, and the camel are trained to carry burdens, and the ox to draw the plough; the cow gives us milk, the sheep gives wool, the reindeer make the sledges fly over snow and ice, the hawk serves us in fowling, and the hen gives us eggs; the cock wakes us early in the morning, and the lark amuses us with its song in the daytime; the whistling note of the blackbird is heard from morning till evening, and then the melodious warbling of the nightingale is charming to the ear. The sporting lambs, the playful calf, the innocent

picture books, would it not be ungracious, ungrateful, and altogether naughty and wrong, to shut your eyes to those pictures, and refuse to learn? And is it not altogether naughty and wrong to refuse to learn from your Father in Heaven, the Great God who made all things, when He offers to teach you all day long by the most beautiful and most wonderful of all picture-books, which is simply all things which you can see, hear, and touch, from the sun and stars above your head to the mosses and insects at your feet? It is your duty to learn His lessons: and it is your interest. God's Book, which is the Universe, and the reading of God's Book, which is Science, can do you nothing but good, and teach you nothing but truth and wisdom. God did not put this wondrous world about your young souls to tempt or to mislead them.

Kingsley's *Madam How and Lady Why*.

Pronounce and spell—

sen-ten'-tions

hand'-ker-chief

su-per-i-or'-i-ty

pu'-til

ge-o'-graph-y

un-gra'-cious

win'-dow

Lesson III.

THE USEFULNESS OF THE LOWER ANIMALS TO MAN.

1. ALL things that the Beneficent Creator has produced upon our globe are admirably connected with one

another, so as to contribute to their mutual preservation. The earth itself, with its rocks and sands, its ores and its salts, owes its origin and continuance to the elements. The trees, plants, herbs, and all the vegetables, draw their subsistence from the earth, while the animals, in their turn, feed upon the vegetables. The earth gives nourishment to the plant; the plant is food for the insect, the insect for the bird, the bird for wild beasts; and in rotation the wild beasts become the prey of the vulture, the vulture of the insect, the insect of the plant, and the plant of the earth. Even man, who endeavours to turn all these things to his own use, becomes himself their prey.

2. Such is the circle in which all things here take their course, that all beings were created for one another. Tigers, lynxes, bears, and a number of other animals provide us with skins and furs to cover us; dogs pursue the hare and the stag, to furnish our tables; the terrier drives the rabbit from its deepest recesses into our snares; the horse, the elephant, and the camel are trained to carry burdens, and the ox to draw the plough; the cow gives us milk, the sheep gives wool; the reindeer make the sledges fly over snow and ice; the hawk serves us in fowling, and the hen gives us eggs; the cock wakes us early in the morning, and the lark amuses us with its song in the daytime; the whistling note of the blackbird is heard from morning till evening, and then the melodious warbling of the nightingale is charming to the ear. The sporting lunds, the playful calf, the innocent

picture-books, would it not be ungracious, ungrateful and altogether naughty and wrong, to shut your eyes to those pictures, and refuse to learn? And is it not altogether naughty and wrong to refuse to learn from your Father in Heaven, the Great God who made all things, when He offers to teach you all day long by the most beautiful and most wonderful of all picture-books, which is simply all things which you can see hear, and touch, from the sun and stars above your head to the mosses and insects at your feet! It is your duty to learn His lessons: and it is your interest God's Book, which is the Universe, and the reading of God's Book, which is Science, can do you nothing but good, and teach you nothing but truth and wisdom. God did not put this wondrous world about your young souls to tempt or to mislead them.

Kingsley's *Madam How and Lady Why*

Pronounce and spell—

sen-ten'-tions

pu'-pil

win'-dow

hand'-ker-chief

ge-o'-graph-y

su-per-i-or'-i-ty

un-gra'-tious

Lesson III.

THE USEFULNESS OF THE LOWER ANIMALS TO MAN.

1. All things that the Pro-
duced upon our globe.

are here for

only; for the wise Author of Nature has so ordained, that all beings should be useful to one another.

4. Let us learn hence our mutual duties. The strong should assist the weak, the well-informed should assist with his advice those who want it, the learned should instruct the ignorant. indeed, we should love our neighbour as ourselves, and thus fulfil the designs of the Creator. The mutual offices men owe to one another have occasioned them to form themselves into societies. What divided force could not accomplish is easily executed by united strength. No man could erect a stately building or palace without assistance. One person alone could not lay the foundation, dig the cellars, make and burn the bricks, raise the walls, put on the roof, furnish the windows with glass, and decorate the apartments, but all this is done with ease when different workmen assist one another.

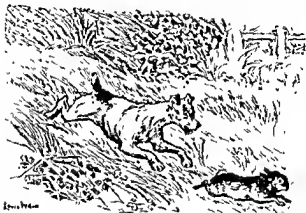
5. Even things which appear to us of so little importance that we scarce design to look at them all contribute to make us happy. The very insects we so much despise are useful to us. May it teach us to value as we ought the goodness of our merciful Father, and to be sensible of our own happiness.

STILB

Pronounce and spell

be-nef'i-ti-ous	non's-po-si-ment	re-cess-ess
per-sec-ut-ion	ex-ta'tion	el'e-phant
con-tin-u-ance	suf-fer	whis'tle,
el'e-ments	sub-let	whis'tles

doves, and the stately plumage of the peacock give pleasure to the sight, the silkworm spins its web to clothe us, the bees collect with care the honey we find so useful, even the sea continually throws upon its shores crawfish, lobsters, oysters, and all sorts of



DOGS FLURRY THE WARRIOR.

shellfish for our wonder; the glowworm shines in the midst of darkness, to give light.

3. If we observe the different occupations of man, we shall find that they also tend to this same end, which Nature purposed. The sailor braves the dangers of the seas and storms to convey merchandise which does not belong to him to its destined place; the ploughman sows and reaps grain, of which he consumes but little himself. Thus, we do not live for ourselves

only; for the wise Author of Nature has so ordained, that all beings should be useful to one another.

4. Let us learn hence our mutual duties. The strong should assist the weak, the well-informed should assist with his advice those who want it, the learned should instruct the ignorant; indeed, we should love our neighbour as ourselves, and thus fulfil the designs of the Creator. The mutual offices men owe to one another have occasioned them to form themselves into societies. What divided force could not accomplish is easily executed by united strength. No man could erect a stately building or palace without assistance. One person alone could not lay the foundation, dig the cellars, make and burn the bricks, raise the walls, put on the roof, furnish the windows with glass, and decorate the apartments, but all this is done with ease when different workmen assist one another.

5. Even things which appear to us of so little importance that we scarce deign to look at them, all contribute to make us happy. The very insects we so much despise are useful to us. May it teach us to value as we ought the goodness of our merciful Father, and to be sensible of our own happiness!

STURN

Pronounce and spell—

ben-ef-i-cent	nour-ish-ment	re-cess-es
pres-er-va-tion	ru-la-tion	el-e-phant
con-tin'-u-ance	vul-ture	what'-thing
el-e-ments	rat'-bat	(whu-ling)

Pronounce and spell

mel' o' d' ions	pe'a-cock	mer'chan-dise
black' bird	lob' ster	de's-er-ate
rein' deer	ox' ster	dis' fer-ent
plu' mage	ce-u pa' tion	con-trib'ute

Lesson IV.

GOD PROVIDETH FOR THE MORROW.

1. Lo, the lilies of the field,
How their leaves instruction yield'
Hark to nature's lesson given
By the bless'd birds of heaven'
Every bush and tufted tree
Warbles sweet philosophy.—
Mortal, flee from doubt and sorrow.
God provideth for the morrow'
2. Say, with richer crimson glows
The kingly mantle than the rose?
Say, have kings more wholesome fare
Than we poor citizens of air?
Barns nor boarded grain have we,
Yet we carol merrily;—
Mortal, flee from doubt and sorrow;
God provideth for the morrow'
3. ONE there lives whose guardian eye
Guides our humble destiny:

ONE there lives, who, lord of all,
Keeps our feathers lest they fall
Pass we blithely, then, the time,
Fearless of the snare and lime,
Free from doubt and faithless sorrow,
God provideeth for the morrow.

REGINALD HEPP

Pronounce and spell—

man'-tle	who'le some	wa'n'-like
des'-tiny	gua'-rd-i-an	ci'-ti-zens
blet'-ted	(gaulian)	hum' ble
crim' son	k'a'-thers	

Lesson V.

THE CALIFORNIAN GRIZZLY BEAR.

1 THE grizzly bear is the largest and most formidable of the quadrupeds of California. He grows to be four feet high and seven feet long, with a weight when very large and fat, of two thousand pounds, being the largest of the carnivorous animals, and much heavier than the lion or tiger ever gets to be, but ordinarily does not exceed eight or nine hundred pounds in weight. In colour the body is a light grayish-brown, dark brown about the ears and along the ridge of the back, and nearly black on the legs. The hair is long, coarse, and wiry, and stiff on the top of the neck and

Pronounce and spell—

mel-o'-di-ous	pe'a-cock	mer'-chan-dise
black'-bird	lob'-ster	de'-cor-ate
rein'-deer	oy'-ster	dif'-fer-ent
plu'-mage	oc-cu-pa'-tion	con-trib'-ute

Lesson IV.

GOD PROVIDETH FOR THE MORROW.

1. Lo, the lilies of the field,
How their leaves instruction yield'
Hark to nature's lesson given
By the blessed birds of heaven!
Every bush and tufted tree
Warbles sweet philosophy :—
Mortal, flee from doubt and sorrow :
God provideth for the morrow !
2. Say, with richer crimson glows
The kingly mantle than the rose ?
Say, have kings more wholesome fare
Than we poor citizens of air ?
Barns nor boarded grain have we,
Yet we carol merrily ;—
" from doubt and sorrow ;
" for the morrow !
as whose guardian eye
smile destiny :

GIVE there lives, who, lord of all,
 Keeps our feathers lest they fall
 Pass we blithely, then, the time
 Leeches of the snare and lime,
 Free from doubt and faithless sorrow;
 God provides for the morrow.

REGINALD HEBER.

Pronounce and spell

man' th	whole-some	war' dles
des' tin y	gu'rd i an	et' ti zens
des' sed	(g riant)	hum' ble
imp' son	fe' a thers	

Lesson V.

THE CALIFORNIAN GRIZZLY BEAR.

1 The grizzly bear is the largest and most formidable of the quadrupeds of California. He grows to be four feet high and seven feet long, with a weight, when very large and fat, of two thousand pounds, being the largest of the carnivorous animals, and much heavier than the lion or tiger ever gets to be, but ordinarily does not exceed eight or nine hundred pounds in weight. In color the body is a light grayish brown, dark brown about the ears and along the sides of the back and on the thick skin on the legs. The hair is long, coarse, and gray, and still on the top of the neck and

between the shoulders. The "grizzly," as he is usually called, is more common in California than any other kind of bear, and was at one time exceedingly numerous for so large an animal, but he offered so much meat for the hunters, and did so much damage to the farmers, that he has been industriously hunted, and his numbers have been greatly reduced.

2. He ranges throughout the State, but prefers to make his home in the chaparral or bushes, whereas the black bear likes the heavy timber. The grizzly is very tenacious of life, and he is seldom immediately killed by a single bullet. His thick, wiry hair, tough skin, heavy coats of fat when in good condition, and large bones, go far to protect his vital organs; but he often seems to preserve all his strength and activity for an hour or more after having been shot through the lungs and liver with large rifle balls.

3. He is one of the most dangerous animals to attack. There is much probability that when shot he will not be killed outright. When merely wounded he is ferocious; his weight and strength are so great that he bears down all opposition before him; and he is very quick, his speed in running being nearly equal to that of the horse. In attacking a man, he usually rises on his hind legs, strikes his enemy with one of his powerful fore-paws, and then commences to bite him. If the man lies still with his face down, the bear will usually content himself with biting him for a while about the arms and legs, then go off a few steps, and after watching him a short time, will go away. But let the man move, and the bear is upon him again;

let him fight, and he will be in imminent danger of being torn to pieces. About half a dozen men, on an average, are killed yearly in California by grizzly bears, and as many more are cruelly mutilated.

4. Fortunately the grizzly bear is not disposed to attack man, and never makes the first assault, unless



A GRIZZLY BEAR.

driven by hunger or maternal anxiety. The dam will attack any man who comes near her cubs, and on this account it is dangerous to go in the early summer about through ground where bears make their home. Usually a grizzly will get out of the way when he sees or hears a man, and sometimes but rarely, will run when wounded. It is said that grizzlies, in seasons of

pranks will show a humour and intelligence scarcely inferior to that of very young children. The grizzly may easily be tamed, and it becomes very fond of its master. Adams, the Californian mountaineer and bear-hunter, tamed several grizzlies so that they accompanied him in his hunting excursions, defended him against wild animals, and carried burdens for him. The meat of the young grizzly resembles pork in texture and taste, exceeding it in juiciness and greasiness; but the meat of the old bear is extremely strong, and to delicate stomachs it is nauseating.

J. S. HITTALL.

Pronounce and spell—

fir'-mūd-able

mūd'-til-ate

stom'ach

quī't-il-rū-ped

an'-vī'-e-ty

car'-case

vay vī'-vor-ous

m-anv'-vay

av'-er-age

ten'-a'-cious

ex-cur'-sion

as-sault

fer-o'-cious

Lesson VI.

THE CONSCIENTIOUS MAN

[Translated from the Sanskrit.]

1. To whom is glory justly due ?
To those who pride and hate subdue,
Who, 'mid the joys that lure the sense,

- Lead lives of holy abstinence,
Who, when reviled, their tongues restrain,
And, injured, injure not again,
Who ask of none, but freely give
Most liberal to all that live;
Who toil unresting through the day,
Their parents' joy and hope and stay;
2. Who welcome to their homes the guest,
And banish envy from their breast;
With reverent study love to pore
On precepts of our sacred lore;
Who work not, speak not, think not sin,
In body pure, and pure within;
Whom avarice can ne'er mislead
To guilty thought or sinful deed,
3 Those hero-souls cast fear away
When battling in a rightful fray;
Who speak the truth with dying breath
Undaunted by approaching death,
Their lives illumined with beacon light
To guide their brothers' steps aright;
Who loving all, to all endeared,
Fearless of all by none are feared,
To whom the world with all therein,
Dear as themselves, is more than kin;
4 Who yield to others, wisely meek,
The honours which they scorn to seek;
Who toil that rage and hate may cease,
And lure embittered foes to peace;
Who serve their God, the laws obey,
And earnest, faithful, work and pray;

To these, the bounteous, pure, and true,
Is highest glory justly due.

From the *Mahabharata*, translated by GRIFFITH

Pronounce and spell—

con-sci-en' tious	scrut in-i' sing	un daunt' ed
ab'-stin-ence	re'-ver ent	bea' con

Lesson VII.

THE MAD DOG.

1. SIR THOMAS FOWELL BUXTON was well known in the early part of the present century as one of the most earnest assistants of William Wilberforce in freeing England from the crimes inseparable from slave-holding. It is not, however, of his public career, nor of his deep piety, that we are about to speak, but of one incident in his life, which shows how a really religious and intrepid man will face a sudden and frightful peril for the sake of others. The event took place in the summer of 1816, when he was thirty years old, a capital sportsman and a man of remarkable personal strength and great height (six foot four). He was not as yet a baronet, and was at the time living at Hampstead, and daily riding into Spitalfields to attend to the affairs of a brewery in which he was a partner.

2. During a visit that his wife and children were making at a distance, he had been staying with his

but for a long time no one came to his help, and being afraid lest the foam which was pouring from the poor beast's jaws might get into some scratch on his fingers, and be as dangerous as an actual bite, he with great difficulty held Prince with one hand while he worked the other into the glove in his pocket, then changed hands, and thus put on the other glove. At last the gardener opened the door, and asked what he wanted.

6. "I've brought you a mad dog," was the answer, and desiring him to get a strong chain, Mr. Buxton walked into the yard carrying Prince by the neck. He was determined not to kill the dog at once, thinking that if it should prove not to be a case of hydrophobia, it would be a great relief to the persons who had been bitten, and this could only be determined by letting the disease take its course. The gardener was in great terror, but had sense enough to obey directions, and was able to secure the collar round the dog's neck, and fasten the other end of the chain to a tree.

7. Mr. Buxton then walked to the utmost bound of the chain, and with all his force, which was nearly exhausted by the dog's frantic struggles, threw the creature as far away from him as he could, and sprang back in time to avoid poor Prince's desperate bound after him, which was followed by "the most fearful yell he ever heard."

8. All day the unhappy creature, in the misery of that horrible disease to which our faithful companions are sometimes subject, rushed round and round the tree, champing the foam that gushed from his jaws, and when food was thrown to him, snatched at it with

fury, but could not eat it. The next day Mr. Buxton thought the chain in danger of giving way, so renewing his act of bravery, he obtained a stronger chain and a pitchfork. Between the prongs of this he contrived to get the dog's body, without piercing it, and thus held him pinned down to the ground, while fastening a much larger chain round his neck. On the pitchfork being removed, the dog sprang up and dashed after his master with such violence that the old chain snapped in two.

9. However, the frenzy soon spent his strength, and he died only forty-eight hours after the first symptoms of madness had appeared. All the dogs and cats he had bitten were killed by Mr. Buxton himself, knowing that for such a painful business it was wiser to trust to no one's resolution and humanity but his own. The man and boys had the bitten parts cut out and the wounds burnt, and it was hoped that the horrid consequences might be averted from them. He himself expressed great thankfulness for both his own escape and his children's absence from home, and thus wrote to his wife a day or two after: "What a terrible business it was! You must not scold me for the risk I ran. What I did, I did from a conviction that it was my duty, and I never can think that an over-cautious care of self in circumstances where your risk may preserve others, is so great a virtue as you seem to think it. I do believe if I had shrunk from the danger, and others had suffered in consequence, I should have felt more pain than I should have done had I received a bite."

10. The perfect coolness and presence of mind shown in the whole adventure are, perhaps, some of its most remarkable features—all being done from no sudden impulse, no daring temper, but from the grave considerate conviction of the duty of encountering the peril on the part of the person most likely to be able to secure others; and no one who has shuddered at



SIMON'S STRUGGLE

the accounts of the agonies of hydrophobia can fail to own how deadly that peril was

11. As a pendant to the Englishman's battle with a mad dog, let us see a combat between one of these frenzied creatures and a French weaver, named Simon Allouy, a poor man of the town of Rhodéz, who was the breadwinner for his aged father. Coming home from his work, in the summer of the year 1830, at about seven o'clock in the evening, he encountered a mad dog, who had already greatly injured several of

the townspeople. The creature was advancing slowly, but suddenly turned upon him. Setting his back against a wall, he courageously waited for it, and laid hold of it, though not without being severely bitten. He kept it with a firm hand, shouting that he would not let it go to do further mischief, but that some one must bring him an axe and break its back.

12. Monsieur Portat, a mounted gendarme, heard him, and hastening to his help, found him struggling with this large hound, holding him by the neck and ears, and constantly asking for an axe to kill him with. The gendarme struck the dog with his stick, but it was not strong enough to kill it; and another person came up with a heavier club, and gave it a finishing stroke. Albony had received fourteen wounds on the body, thighs, and hands; but they were immediately operated upon, and he recovered.

Pronounce and spell—

in-tre'p-id	coa'x ing	shu'd-dered
bar'-on-et	des'-per-ate	pen'd-ant
bre'w-er-y	hy-dro-pho'-bi-a	gen'-darme
in-tel'-li-gence	fien'-zy	(jonglarnu)
fu'-ri-ous-ly		

Lesson VIII.

GRATITUDE TO GOD

[To be learnt by heart.]

1. WHEN all Thy mercies, O my God,
My rising soul surveys,
Transported with the view, I'm lost
In wonder, love, and praise
2. Oh, how shall words with equal warmth
The gratitude declare,
That glows within my ravished heart,
But Thou canst read it there
- 3 Thy providence my life sustained,
And all my wants redrest,
When in the silent womb I lay,
And hung upon the breast
4. To all my weak complaints and cries,
Thy mercy lent an ear,
Ere yet my feeble thoughts had learnt
To form themselves in prayer
5. Unnumbered comforts to my soul
Thy tender care bestowed,
Before my infant heart conceived
From whence these comforts flowed

- 6 When in the slippery paths of youth,
With heedless steps I ran;
Thine arm, unseen, conveyed me safe,
And led me up to man.
7. Through ladden dangers, toils, and death,
It gently cleared my way;
And through the pleasing snares of vice,
More to be feared than they.
8. When worn with sickness, oft hast Thou
With health renewed my face;
And when in sin and sorrow sunk,
Revived my soul with grace.
- 9 Thy bounteous hand with worldly bliss
Has made my cup run o'er,
And in a kind and faithful friend
Has doubled all my store.
- 10 Ten thousand thousand precious gifts,
My daily thanks employ;
Nor is the least a cheerful heart,
That tastes those gifts with joy.
- 11 Through every period of my life,
Thy goodness I'll pursue,
And, after death, in distant worlds,
The glorious theme renew.
12. When nature fails, and day and night
Divide Thy works no more,
My ever-grateful heart, O Lord,
Thy mercy shall adore

13. Through all eternity to Thee
 A joyful song I'll raise,
 For, oh! eternity's too short
 To utter all Thy praise.

APPENDIX

Pronounce and spell

rain'-ed

con'-fined

ship'-per-y

pre'-cious

health

there

Lesson IX.

LESSON FROM THE RAIN

PART I

1. Let us suppose that it is summer-time, that you are in the country, and that you have fixed upon a certain day for a holiday ramble. Some of you are going to gather wild-flowers, some to collect pebbles, and some without any very definite aim beyond the love of the holiday and of any sport or adventure which it may bring with it. Soon after sunrise on the eventful day you are awake.

2. It is arranged that you do not start until after breakfast-time, and meanwhile you busy yourselves in getting ready all the baskets and sticks and other gear of which you are to make use during the day. But the brightness of the morning begins to get dimmed.

5. We can watch it for a little from the bridge. As it rushes past, innumerable leaves and twigs are seen floating on its surface. Now and then a larger branch, or even a whole tree-trunk, comes down, tossing and rolling about on the flood. Sheaves of straw or hay, planks of wood, pieces of wooden fence, sometimes a poor duck, unable to struggle against the current, roll past us and show how the river has risen above its banks and done damage to the farms higher up its course.

6. We linger for a while on the bridge, watching the unceasing tumultuous rush of water and the constant variety of objects which it carries down the channel. You think it was perhaps almost worth while to lose your holiday for the sake of seeing so grand a sight as this angry and swollen river, roaring and rushing with its full burden of dark water. Now, while the scene is still fresh before you, ask yourselves a few simple questions about it, and you will find perhaps additional reasons for not regretting the failure of the promised excursion.

7. In the first place, where does all this added mass of water in the river come from? You say it was the rain that brought it. Well, but how should it find its way into this broad channel? Why does not the rain run off the ground without making any river at all?

8. But, in the second place, where does the rain come, from? In the early morning the sky was bright, then clouds appeared, and then came the rain, and you answer that it was the clouds which supplied the rain.

But the clouds must have derived the water from some source. How is it that clouds gather rain, and let it descend upon the earth?

9. In the third place, what is it which causes the river to rush on in one direction more than another? When the water was low, and you could, perhaps, almost step across the channel on the stones and gravel, the current, small though it might be, was still quite perceptible. You saw that the water was moving along the channel always from the same quarter. And now when the channel is filled with this rolling torrent of dark water, you see that the direction of the current is still the same. Can you tell why this should be?

10. Again, yesterday the water was clear, to-day it is dark and discoloured. Take a little of this dirty-looking water home with you, and let it stand all night in a glass. To-morrow morning you will find that it is clear, and that a fine layer of mud has sunk to the bottom. It is mud, therefore, which discolours the swollen river. But where did this mud come from? Plainly, it must have something to do with the heavy rain and the flooded state of the stream.

11. Well, this river, whether in shallow or in flood, is always moving onward in one direction, and the mud which it bears along is carried towards the same point to which the river itself is hastening. While we sit on the bridge watching the foaming water as it eddies and whirls past us, the question comes home to us—What becomes of all this vast quantity of water and mud?

PART II.

1. Remember, now, that our river is only one of many hundreds which flow across this country, and that there are thousands more in other countries where the same thing may be seen which we have been watching to-day. They are all flooded when heavy rains come, they all flow downwards; and all of them carry more or less mud along with them.

2. As we walk homewards again, it will be well to put together some of the chief features of this day's experience. We have seen that sometimes the sky is clear and blue, with the sun shining brightly and warmly in it, that sometimes clouds come across the sky, and that when they gather thickly rain is apt to fall. We have seen that a river flows, that it is swollen by heavy rain, and that when swollen it is apt to be muddy. In this way we have learnt that there is a close connection between the sky above us and the earth under our feet. In the morning, it seemed but a little thing that clouds should be seen gathering overhead, and yet, ere evening fell, these clouds led by degrees to the flooding of the river, the sweeping down of trees, and fences, and farm produce; and it might even be to the destruction of bridges, the inundation of fields and villages and towns, and a large destruction of human life and property.

3. But perhaps you live in a large town and have no opportunity of seeing such country sights as I have been describing, and in that case you may naturally enough imagine that these things cannot have much

interest for you. You may learn a great deal, however, about rain and streams even in the streets of town. Catch a little of the rain in a plate, and you will find it to be so much clear water. But look at it as it courses along the gutters. You see how muddy it is. It has swept away the loose dust worn by wheels and feet from the stones of the street, and carried into the gutters. Each gutter thus becomes like a flooded river. You can watch, too, how chips of stone, corks, bits of wood, and other loose objects lying in the street are borne away, very much as the trunk trees are carried by the river. Even in a town, therefore, you can follow how changes in the sky lead to changes on the earth.

4. If you think for a little, you will recall many illustrations of the way in which the common things of everyday life are connected together. As far as you can remember, you have been familiar with things as sunshine, clouds, wind, rain, rivers, frost, snow, and they have grown so commonplace that you never think of considering about them. You can imagine them, perhaps, as in any way different from what they are; they seem, indeed, so natural and necessary that you may even be surprised when asked to give a reason for them. But if you have lived all your lives in a country where no rain fell, and if you were to be brought to such a country as this, and were to see such a storm of rain as you have been watching to-day, would it not be very strange to you, and would you not naturally enough begin to ask the meaning of it?

5. Or let us suppose that a boy from some very warm part of the world were to visit this country in winter, and to see for the first time snow fall, and the rivers solidly frozen over, would you be surprised if he showed great astonishment? If he asked you to tell him what snow is, and why the ground is so hard, and the air so cold, why the streams no longer flow, but have become crusted with ice—could you answer his questions?

6. And yet these questions relate to very common everyday things. If you think about them, you will learn, perhaps, that the answers are not quite so easily found as you had imagined. Do not suppose that because a thing is common, it can have no interest for you. There is really nothing so common as not to deserve your attention, and which will not reward you for your pains.

7. I would fain have you not to be content with what is said in this little book, or in other books, whether small or great, but rather to get into the habit of using your own eyes and seeing for yourselves what takes place in this wonderful world of ours. All round you there is abundant material for this most delightful inquiry. No excursion you ever made in pursuit of mere enjoyment and adventure by river, heath, or hill, could give you more hearty pleasure than a ramble with eyes and ears alike open to note the lessons to be learnt from every day and from every landscape. Remember that besides the printed books which you use at home, or at school, there is the great book of Nature, wherein each of us, young and old, may read, and go on reading

things for you. You may learn a great deal, how ever strong rain and streams even in the streets of a town. Watch a hole of the rain in a plate, and you will find it is as much clear water. Put back at it as it comes along the gutter. You see how easily it is. It is swept away the home dust worn by wheels and feet from the stones of the street, and carried it into the gutter. Each gutter thus becomes like the loaded river. You can watch, too, how chips of straw, rags bits of wood and other house objects lying in the street are let the away, very much as the trunks of trees are carried by the river. Even in a town, therefore, you can follow how things in the sky lead to things on the earth.

4 If you think for a little, you will recall many other illustrations of the way in which the common things of everyday life are connected together. As far back as you can remember, you have been familiar with such things as sunshine, clouds, wind, rain, rivers, frost, and snow, and they have grown so commonplace that you never think of considering about them. You cannot imagine them, perhaps, as in any way different from what they are; they seem, indeed, so natural and so necessary that you may even be surprised when any one asks you to give a reason for them. But if you had lived all your lives in a country where no rain ever fell, and if you were to be brought to such a country as this, and were to see such a storm of rain as you have been watching to-day, would it not be very strange to you, and would you not naturally enough begin to ask the meaning of it?

5. Or let us suppose that a boy from some very warm part of the world were to visit this country in winter, and to see for the first time snow fall, and the rivers solidly frozen over, would you be surprised if he showed great astonishment? If he asked you to tell him what snow is, and why the ground is so hard, and the air so cold, why the streams no longer flow, but have become crusted with ice—could you answer his questions?

6. And yet these questions relate to very common everyday things. If you think about them, you will learn, perhaps, that the answers are not quite so easily found as you had imagined. Do not suppose that because a thing is common, it can have no interest for you. There is really nothing so common as not to deserve your attention, and which will not reward you for your pains.

7. I would fain have you not to be content with what is said in this little book, or in other books, whether small or great, but rather to get into the habit of using your own eyes and seeing for yourselves what takes place in this wonderful world of ours. All round you there is abundant material for this most delightful inquiry. No excursion you ever made in pursuit of mere enjoyment and adventure by river, heath, or hill, could give you more hearty pleasure than a ramble with eyes and ears alike open to note the lessons to be learnt from every day and from every landscape. Remember that besides the printed books which you use at home, or at school, there is the great book of Nature, wherein each of us, young and old, may read, and go on reading

all through life without exhausting even a small part of what it has to teach us.

8. It is this great book—Air, Earth, and Sea—which would have you look into. Do not be content with merely noticing that such and such events take place. For instance, to return to our walk to the flooded river, do not let a fact such as a storm or a flood pass without trying to find out something about it. Get into the habit of asking Nature questions, as we do in the course of our homeward walk. Never rest until you get at the reasons for what you notice going on around you. In this way even the commonest things will come to wear a new interest for you. Wherever you go there will be something for you to notice; something that will serve to increase the pleasure which the landscape would otherwise afford. You will thus learn to use your eyes quickly and correctly; and this habit of observation will be of the utmost value to you, no matter what may be the path of life which lies before you.

A. GEIKIE

pronounce and spell—

con'in-in-ous	sym'p-tom	moi'st-ure
un-ceas'-ing	sup-plied	fo'am-ing
ma-te'r i-al	ex-cur'-sion	hear'-ty

Lesson X.

THE VOICE OF THE GRASS

1. HERE I come creeping, creeping everywhere;
By the dusty roadside,
On the sunny hillside,
Close by the noisy brook,
In every shady nook,
I come creeping, creeping everywhere
2. Here I come creeping, smiling everywhere.
All round the open door,
Where sit the aged poor,
Here where the children play
In the bright and merry May,
I come creeping, creeping everywhere
3. Here I come creeping, creeping everywhere,
In the noisy city street,
My pleasant face you'll meet,
Cheering the sick at heart,
Toiling his busy part,
Silently creeping, creeping everywhere
4. Here I come creeping, creeping everywhere;
You cannot see me coming,
Not hear my low sweet humming;

through life without exhausting even a small part
that it has to teach us.

3. It is this great book—*Air, Earth, and Sea*—which
ould have you look into. Do not be content with
ly noticing that such and such events take place.
nstance, to return to our walk to the flooded river;
ot let a fact such as a storm or a flood pass without
g to find out something about it. Get into the
of asking Nature questions, as we did in the
e of our homeward walk. Never rest until you
t the reasons for what you notice going on around

In this way even the commonest things will
to wear a new interest for you. Wherever you
re will be something for you to notice; something
will serve to increase the pleasure which the
ape would otherwise afford. You will thus learn
your eyes quickly and correctly; and this habit
ervation will be of the utmost value to you, no
r what may be the path of life which lies before

A. GRIZ.

Lesson X.

THE VOICE OF THE GRASS

1. Here I come creeping, creeping everywhere,
By the dusty roadside,
On the sunny hillside
Close by the noisy brook,
In every shady nook,
I come creeping, creeping everywhere
2. Here I come creeping, smiling everywhere
All round the open door
Where sit the aged poor,
Here where the children play
In the bright and merry May
I come creeping, creeping everywhere
3. Here I come creeping, creeping everywhere
In the noisy city street
My pleasant face you'll meet
Cheering the sick at heart
Tidying his busy part,
Silently creeping, creeping everywhere
4. Here I come creeping, creeping everywhere
You cannot see me come;
Nor hear it say I am about to come.

For in the starry night,
And the glad morning light,
I come quietly creeping everywhere.

5 Here I come creeping, creeping everywhere;
More welcome than the flowers,
In summer's pleasant hours
The gentle cow is glad,
And the merry bird not sad
To see me creeping, creeping everywhere.

6 Here I come creeping, creeping everywhere,
When you're numbered with the dead,
In your still and narrow bed,
In the happy spring I'll come,
And deck your silent home,
Creeping, silently creeping everywhere

7 Here I come creeping, creeping everywhere
My humble song of praise
Most gratefully I raise
To Him at whose command
I to satisfy the land
Creeping, silently creeping everywhere

from *The Liberator*

Pronounce and spell

creep' a z

spark' l a z

look' a t s a z

look' a w a t

creep' a z

look' a w a t

look' a w a t

look' a w a t

Lesson XI.

WIND AND WINDS.

1. THE air lying next to a hot surface is heated; the air touching a cold surface is cooled. Such differences of temperature in the air give rise to the formation of winds.

2 Hot or warm air is lighter than cold air. Now, as you know, heat expands bodies; and it is this expansion of air, or the separation of its particles farther from each other, which makes it less dense or heavy than cold air, where the particles lie more closely together. As a consequence of this difference of density, the light warm air rises, and the heavy cold air sinks. You can easily satisfy yourselves of this by experiment. Take a poker, and heat the end of it in the fire until it is red-hot. Withdraw it, and gently bring some small bits of very light paper or some other light substance a few inches above the heated surface. The bits of paper will be at once carried up into the air. This happens because the air heated by the poker immediately rises, and its place is taken by colder air, which, on getting warmed, likewise ascends. The upward currents of air grow feebler as the iron cools, until, when it is of the same temperature as the air around, they cease.

3 This is the principle on which our fireplaces are constructed. The fire is not kindled on the hearth, for, in that case, it would not get a large enough

colder air, which flows in from the neighbourhood takes its place. This flowing in of air is wind.

6. It is easy for you now and then to watch how wind arises. Suppose, for instance, that during the summer you spend some time at the sea-coast. In the morning and early part of the day, a gentle wind will often be noticed, blowing from the land out to sea.

As the day advances, and the heat increases, this wind goes away. But after a while, when the day is beginning to sink towards evening, another breeze may be noticed springing up from the opposite quarter, blowing with a delicious coolness from the sea to the land. These breezes are the result of the unequal heating and cooling of the sea and land.

7. Let us understand how this takes place. On a hot day you find that stones, soil, or other parts of the land get very warm under the sun's rays; yet, if you lie in the sea at that time, you feel its waters to be pleasantly cool. This shows that the land becomes much more quickly hot than the sea. After such a hot day,

you will find that at night the surface of the land becomes much cooler than the sea, because it parts with its heat sooner than the sea does. By day the land heats the air above it, and makes it lighter, so that it ascends, while the cooler and heavier air lying on the sea flows landward as a cool and refreshing sea-breeze. By night this state of things is just reversed; for then the air which lies on the chilled land, being colder and heavier than that which covers the warmer sea, flows seaward as a cool land-breeze.

8. In mountainous countries where the higher

the same quantity of air, and of course the more the amount of vapour increases, the less dense does the mixture become. When, therefore, a large amount of vapour is given off into the air over any part of the earth's surface, the result is to cause the air to ascend in that region and allow air with less vapour to flow in from all sides. If this action goes on very rapidly it gives rise to storms.

SEASONAL OR PERIODIC WINDS.

1. The larger masses of land in the northern hemisphere interfere a good deal with that regular distribution which, as shown by the southern hemisphere, is a broad unbroken expanse of ocean favours. In January, for instance, the high and cold latitudes of Central Asia become the centre of a vast area over which the pressure of the air is high. Consequently from that elevated region the wind issues on all sides. In China and Japan it appears as a north-west wind. In Hindostan it comes from the north-east. In the Mediterranean it blows from the east and south-east. But in July matters are reversed for then the centre of Asia, heated by the hot summer sun, becomes part of a vast region of low pressure which includes the north-eastern half of Africa and the east of Europe. Into that enormous basin the air pours from every side. Along the coasts of Siberia and Scandinavia it comes from the north. From China round the south of the continent to the Red Sea it comes from the Indian Ocean, that is from south-east north of

ground rises far up into the colder layers of the atmosphere, another beautiful illustration of these changes of movement in the air may be watched. During the day the air, warmed on the mountain-sides, ascends, and a breeze flows up the valleys towards the heights. During the night the cold heavy air on the mountains flows down as a cold breeze into the valleys.

9. Take a school-globe, and notice some of the lines which are drawn round it. Midway between the two poles you will notice a line running round the most projecting part of the globe. This line is called the equator. It divides the globe, as you see, into two halves or hemispheres. Now, over the parts of the earth which this line traverses, and for some way on either side, the sun shines with intense heat all the year round. The air is constantly heated to a high degree, and streams upwards in ascending currents. But just as the hot air along this central belt mounts up into the higher regions of the atmosphere, the cooler air from north and south flows in along the surface to supply its place. This constant streaming of air in the equatorial regions forms what are known as Trade Winds. The steadiness of their course, the way in which they may be counted on, led long ago to their being called so.

10. But another main source of the air in the atmosphere, whether gentle or violent, arises from changes in the vapour present in the air, a mixture

the temperature low to where the pressure is lower and the temperature higher, they are felt as cold blasts, whereby the humidity of the air in the low pressure area is condensed into torrents of rain. When, around hot desert regions like those of Africa, Arabia, or the interior of Australia, a low atmospheric pressure occurs, its effect sometimes is to draw in towards it the hot air lying over these burning sands, which, in the countries where it blows, is extremely unhealthy. In Italy it is known as the *Sirocco*—a hot moist wind which raises a haze in the air, and produces a sensation of extreme languor both in man and beast. In Spain, where it receives the name of the *Solano*, it sometimes comes across the narrow part of the Mediterranean laden with fine hot dust from the vast African deserts. In Africa and Arabia it appears as the dreaded *Simoom*—a hot suffocating wind which sometimes rushes across the desert with such violence as to raise clouds of sand, and sweep them in whirling masses for many miles. It thus heaps up vast mounds of sand under which caravans of travellers may be completely buried. Again, on the coast of Guinea, during December, January, and February, a hot wind, called the *Namralan*, blows from the interior out to sea. The north-west provinces of India have likewise their hot winds, which sometimes produce violent whirlwinds, sweeping up the dust, and carrying it in tall whirling columns into the upper air, whence it gradually finds its way to the earth again.

PROFESSOR ARCHIBALD GEIK

Pronounce and spell—

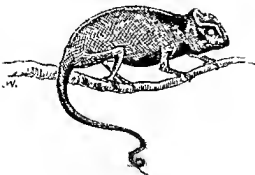
tem'-per-a-ture	im-me'-di-ate-ly	re-vers'-al
ex-pan'ds	at'-mos-pHERE	hum-i'd-i-ty
con'-se-quence	hem'-i-sphere	inf'-loc-at-ed
den's-i-ty	de-li'-cious	en-gu'pled
ex-pe'r-i-ment	per-i-od-ic	

Lesson XII.

THE CHAMELEON.

- 1 OFT has it been my lot to mark
 A proud, conceited, talking spark,
 With eyes that hardly served at most
 To guard their master 'gainst a post;
 Yet round the world the man has been,
 To see whatever could be seen;
 Returning from his finished tour,
 Crowned ten times better than before,
 Whatever word you chance to drop,
 The travelled fool your mouth will stop.
 "But, if my judgment you'll allow—
 I've seen—and sure I ought to know"—
 No less you'd pay a due submission,
 And acquiesce in his decision
 "Travellers of such a cast,
 Arabia's wilds they passed,
 > their way, in friendly chat,
 Talked of this, and then of that,

In course of a while, 'mongst other matter,
 Of the chameleon's form and nature
 "A stranger animal," cries one,
 "Sure never lived beneath the sun"
 A lizard's body, lean and long;
 A fish's head, a serpent's tongue,
 Its foot with triple claw disjoined,



THE CHAMELEON

And what a length of tail behind !
 How slow its pace ' and then its hue—
 Who ever saw so fine a blue ? "
 " Hold there," the other quick replies,
 " 'Tis green, I saw it with these eyes,
 As late with open mouth it lay,
 And warmed itself in the sun's ray ,
 Stretched at its ease the beast I viewed,
 And saw it eat the air for food "

- 4 "I've seen it, Sir, as well as you,
And must again affirm it blue.
At leisure I the least surveyed
Extended in the cooling shade."
5. "'Tis green, 'tis green, Sir, I assure ye."
"Green!" cries the other in a fury—
"Why, do you think I've lost my eyes?"
"'Twere no great loss," the friend replies,
"For, if they always serve you thus,
You'll find them but of little use."
6. So high at last the contest rose,
From words they almost came to blows:
When luckily came by a third;
To him the question they referred,
And begged he'd tell them, if he knew,
Whether the thing was green or blue.
7. "Sirs," cries the umpire, "cease your pother,
The creature's neither one nor t'other:
I caught the animal last night,
And viewed it o'er by candlelight:
I marked it well; 'twas black as jet—
You stare—but I have got it yet,
And can produce it." "Pray, Sir, do:
For I am sure the thing is blue."
"And I'll engage that when you've seen
The reptile, you'll pronounce him green."
8. "Well then, at once to ease the doubt,"
Replies the man, "I'll turn him out:
And when before your eyes I've set him,
If you don't find him black, I'll eat him,"
9. He said; and full before their sight

produced the beast, and lo—'twas white !
 Both stared ; the man looked wondrous wise—
 " My children," the Chameleon cries
 (Then first the creature found a tongue),



THE TWO TRAVELLERS.

" You all are right and all are wrong .
 When next you talk of what you view,
 Think others see as well as you :
 Nor wonder, if you find that none
 Prefers your eyesight to his own "

JAMES MERRICK.

- 4 "I've seen it, Sir, as well as you,
And must again affirm it blue.
At least I the least surmised
Latened in the cooling slade."
- 5 "Tis green—tis green, Sir, I assure ye."
"Green!" cries the other in a fury—
"Why, do you think I've lost my eyes?"
"Twere no great loss," the friend replies,
"For, if they always serve you thus,
You'll find them but of little use."
- 6 No high at last the contest rose,
From words they almost came to blows:
When luckily came by a third;
To him the question they referred;
And begged he'd tell them, if he knew,
Whether the thing was green or blue.
7. "Sirs," cries the umpire, "cease your pothe!
The creature's neither one nor t'other:
I caught the animal last night,
And viewed it o'er by candlelight:
I marked it well, 'twas black as jet—
You stare—but I have got it yet,
And can produce it." "Pray, Sir, do:
For I am sure the thing is blue."
"And I'll engage that when you've seen
The reptile, you'll pronounce him green."
8. "Well then, at once to ease the doubt,"
Replies the man, "I'll turn him out:
And when before your eyes I've set him,
If you don't find him black, I'll eat him,"
9. He said; and full before their sight

Produced the beast, and lo—'twas white !
Both stared ; the man looked wondrous wise—
" My children," the Chameleon cries
(Then first the creature found a tongue),



THE TWO TRAVELLERS.

" You all are right and all are wrong :
When next you talk of what you view,
Think others see as well as you :
Nor wonder, if you find that none
Prefers your eyesight to his own "

JAMES MERRICK.

roared the beast, and lo—'twas white!
 Both stared; the man looked wondrous wise—
 "My children," the Chameleon cries
 (Then first the creature found a tongue),



THE TWO TRAVELLERS.

"You all are right and all are wrong—
 When next you talk of what you view,
 Think others see as well as you;
 Nor wonder, if you find that none
 Prefers your eyesight to his own."

JAMES MERRICK.

Pronounce and spell—

con- <i>ceit'</i> -ed	judg'-ment	ser'-pent
trav'-elled	de-ci'-sion	af-firm'
ac-qui-es'-ce	dis-jun'-ed	lei'-sure
dis-con'-fess	re-fer'-ed	luck'-i-ly
triple	per'-ter	un'-pire
sur-vey'-ed	fin'-ished	rep'-tile
que'-s-tion	sub-mis'-sion	pro-noun'-ce
won'-d-rous		

Lesson XIII.

THE HILL OF SCIENCE

1. IN that season of the year, when the serenity of the sky, the various fruits which cover the ground, the discoloured foliage of the trees, and all the sweet, but fading graces of inspiring autumn, open the mind to benevolence, and dispose it for contemplation, I was wandering in a beautiful and romantic country, till curiosity began to give way to weariness; and I sat me down on the fragment of a rock, overgrown with moss, where the rustling of the falling leaves, the dashing of waters, and the hum of the distant city, soothed my mind into the most perfect tranquillity, and sleep insensibly stole upon me, as I was indulging the agreeable reveries which the objects around me naturally inspired.

2. I immediately found myself in a vast extended plain, in the middle of which arose a mountain higher than I had before any conception of. It was

with a multitude of people, chiefly youth; many of whom pressed forwards with the liveliest expressions of ardour in their countenance, though the way was in many places steep and difficult. I observed, that those who had but just begun to climb the hill, thought themselves not far from the top; but, as they proceeded, new hills were continually rising to their view, and the summit of the highest they could before discern seemed but the foot of another, till the mountain at length appeared to lose itself in the clouds. As I was gazing on these things with astonishment, my good genius suddenly appeared: "The mountain before thee," said he, "is the Hill of Science. On the top is the temple of Truth, whose head is above the clouds, and a veil of pure light covers her face. Observe the progress of her votaries; be silent and attentive."

3. I saw that the only regular approach to the mountain was by a gate, called the Gate of Languages. It was kept by a woman of a pensive and thoughtful appearance, whose lips were continually moving, as though she repeated *something to herself*. Her name was Memory. On entering this first enclosure, I was stunned with a confused murmur of jarring voices and dissonant sounds, which increased upon me to such a degree, that I was utterly confounded, and could compare the noise to nothing but the confusion of tongues at Babel.

4. After contemplating these things, I turned my eyes towards the top of the mountain, where the air was always pure and exhilarating, the path shaded with laurels and other evergreens, and the effluence

which beamed from the face of the goddess seemed to shed a glory round her votaries. "Happy," said I, "are they who are permitted to ascend the mountain!"—but while I was pronouncing this exclamation with uncommon ardour, I saw standing beside me a form of diviner features and a more benign radiance.

5 "Happier," said she, "are those whom Virtue conducts to the mansions of Content!"—"What," said I, "does Virtue then reside in the vale?"—"I am found," said she, "in the vale, and I illuminate the mountain: I cheer the cottager at his toil, and inspire the sage at his meditation. I mingle in the crowd of cities, and bless the hermit in his cell. I have a temple in every heart that owns my influence; and to him that wishes for me, I am already present. Science may raise you to eminence; but I alone can guide to felicity!"—While the goddess was thus speaking, I stretched out my arms towards her with a vehemence which broke my slumbers. The chill dews were falling around me, and the shades of evening stretched over the landscape. I hastened homeward, and resigned the night to silence and meditation.

AIKIN'S *Miscellanies*.

Pronounce and spell—

se-ren'-i-ty	cu-ri-o's-i-ty	vo'-tar-ies
va'-ri-ous	wa'r-i-ness	at-ten'-tive
dis-col'-oured	tran-quil'-li-ty	lin'-gua-ges
au'-tumn	re'-ver-ies	jen'-sive
ben-e'-vol-ence	coun'-te-nance	en-clo'-sure
con-temp-la'-tion	dis-ce'm	mur'-mur
ro-ma'nt-ic	us-ton'-ish-ment	dis'-son-ant

ounce and spell—

in-fur'd-ed	pro-no'un-cing	med-i-ta'-tion
ex-hil'-or-a-ting	ex-la-ma'-tions	e'm-in-ence
u'r-cle	ra'-di-ance	fe-li'-city
ful'gence	il-lu'-min-ate	ve'-hem-ence

Lesson XIV.

LOVE OF FATHERLAND

[To be learned by heart.]

BEYATHS there the man, with soul so dead
Who never to himself hath said

"This is my own, my native land—"
Whose heart hath ne'er within him turn'd
As home his footsteps he hath turn'd

From wandering on a foreign strand;
If such there breathe, go, mark him well,
For him no minstrel repletes e'er

High though his titles proud his name,
Boundless his wealth as wish can claim;
Exalte those titles, power and pelf

The wretch concentred all in self,
Living, shall forget his name
And doubly dying shall go down
To the vile dust from whence he sprung,
Unwept, unhonour'd and unsung.

BY WALTER SCOTT

Pronounce and spell —

beat'-steps	man'-strel	des-pit'e
re-nov'n	con-ten'-ted	hour'-less
wan'-der-ing	un-ben'-eamed	for'-feit
cap'-tures	for'-eign	

Lesson XV.

SELF-CONCEIT.

1 NEVER think more highly of yourself than you ought. What a vast alteration would take place in society, if this reasonable rule were to be attended to! If every one were to fall into his proper place in self-estimation (as he must eventually do in the estimation of others), how many mistakes—how much mortification would be prevented! For it is in every sense true, that "he that exalteth himself shall be abased."

2. But it requires years and much experience to know ourselves; hence it is, that self-conceit is the fault of youth and ignorance; while we look for true modesty among the wise, the learned, and the venerable.

3. How much better would it be to learn our own insignificance by observation and reflection, than to have it discovered to us by our friends and neighbours!

4. Yet it often requires very broad hints from those around us, before we even begin to suspect that we had rated ourselves too highly; and sometimes even this

will not do; rather than suppose themselves mistaken, some will imagine all the world to be so, and conclude that their merits are overlooked. But this is a kind of injustice that rarely takes place in society, and if, owing to accidental circumstances, it should in any instance be the case that we are thought of more meanly than we deserve, let it ever be remembered, that nothing can be done on our parts to redress the grievance. In most cases, indeed, the more we can help ourselves, the better; and he that would have his business done must do it himself, but *here* it is just the reverse. If we set but one step towards our own exaltation, we shall assuredly have to take two or three downwards for our pains. To *deserve* esteem is in our power, but if we *claim* it, we cease to deserve, and shall certainly forfeit it.

5. Young people, at the period when they are acquiring knowledge, are very liable to self-conceit, and thus, by their own folly, defeat the great purpose of instruction, which is, not to make them vain but wise. They are apt to forget that knowledge is not for show, but for use, and that the desire to exhibit what they know, is invariably a proof that their acquirements are superficial.

6. Besides, like most other faults, self-conceit is no solitary failing, but ever brings many more in its train. They who are very desirous to shine themselves, are always curious of the attainments of others, and will be ingenious in discovering defects in those who are accomplished than themselves.

Now is there any gaudy weed who would vain

become a sterling flower? Let such be assured that this wish, if prompted by right motives and followed up by sincere endeavours, will not be in vain. But let it be remembered, that such a change can never be effected by merely adopting the colours, and affecting the attitudes of one. This would be but to become an artificial flower at best, without the grace and fragrance of nature. Be not, then, satisfied with *imitation*, which, after all, is more laborious and difficult than aiming at reality. Be what you would seem to be; this is the shortest, and the only successful way. Above all, "be clothed with humility, and have the ornament of a meek and quiet spirit;" for of *such* flowers it may be truly said, that "Solomon, in all his glory, was not arrayed like one of these"

JANE TAYLOR.

Pronounce and spell—

mor-tif-i-ca-tion	la-bo'r-i-ous	ac-com'plished
a-las'ed	for'seit	en-den'vours
in-jus't-ice	so-ci'e-ty	fra'grance
in'stance	ac-ci-den'tal	hu-mil'i-ty
know'ledge	grie'vance	ex-hil'it
un-per-fect	un-su'r-ed-ly	de-sir'ous
en'vi-ous	ac-qui're-ments	in-gen'i-ous
sin-ce're	sol'i-tar-y	at'ti-tudes
art-i-fi-cial	at-tain'ments	So'l-o-mon

A Spanish stranger chanced to come
To Mulla's shore ;



THE PARROT.

7. He hailed the bird in Spanish speech,
The bird in Spanish speech replied,
Flapped round the cage with joyous screech,
Dropt down, and died.

THOMAS CAMPBELL.

Pronounce and spell—

ex-clu'-sive-ly

heath'-er-y

re-splen'd-ent

fret'-ted

chat'-tered

Lesson XVII.

A UNIVERSAL PRAYER.

1. FATHER of all! in ev'ry age,
In ev'ry clime adored,
By saint, by savage, and by sage—
Jehovah, Jove, or Lord '
2. Thou Great First Cause, least understood,
Who all my sense confined
To know but this, that Thou art good,
And that myself am blind ;
3. Yet gave me, in this dark estate,
To see the good from all ,
And landing Nature fast in Fate,
Left free the human will
4. What conscience dictates to be done
Or warns me not to do,
That, teach me more than hell to shun,
That, more than Heaven pursue
5. What blessings Thy free bounty gives,
Let me not cast away ,
For God is paid when man receives
To enjoy is to obey

6. Yet not to earth's contracted span
Thy goodness let me bound,
Or think Thee Lord alone of man,
When thousand worlds are round.

7. Let not this weak unknowing hand
Presume Thy bolts to throw,
And deal damnation round the land,
On each I judge Thy foe.

8. If I am right, Thy grace impart,
Still in the right to stay;
If I am wrong, oh, teach my heart
To find that better way

9. Save me alike from foolish pride,
Or iniquious discontent,
At aught Thy wisdom has denied,
Or aught Thy goodness lent.

10. Teach me to feel another's woe,
To hide the fault I see,
That mercy I to others show
That mercy show to me.

11. Mean though I am, not wholly so,
Since quickened by Thy breath:
Oh, lead me wheresoe'er I go,
Through this day's life or death.

12. This day, be bread and peace my lot:
All else beneath the sun,

Thou know'st if best bestowed or not,
And let Thy will be done.

13. To Thee, whose temple is all space,
Whose altar, earth, sea, skies,
One chorus let all being raise.
All nature's incense rise!

ALEXANDER POPE.

Pronounce and spell—

dam-na'-tion	dis'-con-tent	in'-cense
im-pu'it	chu'-rus	

Lesson XVIII

A GOLDEN DEED

1. **USEFUL** English management. Australia is excellent for sheep farms, but the "bush," as colonists everywhere call uncleared forest land, is particularly desolate and dreary. And it was into such bush that in the winter of 1864, the three little children of a carpenter named Duff, at a station near Melbourne, were often sent out to gather brown. The eldest was a boy of nine years old, Jane, his sister, was seven and little Frank was five. One evening they did not come back and their parents became alarmed. Stout men, sturdy explorers, have been known to be down-trodden to

6. Yet not to earth's contracted span
Thy goodness let me bound,
Or think Thee Lord alone of man,
When thousand worlds are round.
7. Let not this weak unknowing hand
Presume Thy bolts to throw,
And deal damnation round the land,
On each I judge Thy foe.
8. If I am right, Thy grace impart,
Still in the right to stay;
If I am wrong, oh, teach my heart
To find that better way.
9. Save me alike from foolish pride,
Or impious discontent,
At aught Thy wisdom has denied,
Or aught Thy goodness lent.
10. Teach me to feel another's woe,
To hide the fault I see,
That mercy I to others show
That mercy show to me
11. Mean though I am, not wholly so,
Since quickened by Thy breath
Oh, lead me where-so'er I go,
Through this day's life or death.
12. This day, be bread and peace my lot:
All else beneath the sun,

Thou know'st if best bestowed or not ;
And let Thy will be done.

13. To Thee, whose temple is all space,
Whose altar, earth, sea, skies,
One chorus let all being raise
All nature's incense rise '

ALEXANDER POPE.

Pronounce and spell—

dam-na'-tion
na-pa'tit

dis'-con-tent
cho'-rus

in'-cense

Lesson XVIII.

A GOLDEN DEED.

1. UNDER English management, Australia is excellent for sheep farms, but the "bush," as colonists everywhere call uncleared forest land, is particularly desolate and dreary. And it was into such bush that, in the winter of 1864, the three little children of a carpenter, named Duff, at a station near Melbourne, were often sent out to gather brown. The eldest was a boy of nine years old, Jane, his sister, was seven, and little Frank was five. One evening they did not come back, and their parents became alarmed. Stout men, sturdy explorers, have been known to lie down, famished, to

- 6 Yet not to earth's contracted span
Thy goodness let me bound,
Or think Thee Lord alone of man,
When thousand worlds are round.
- 7 Let not this weak unknowing hand
Presume Thy bolts to throw,
And deal damnation round the land,
On each I judge Thy foe.
- 8 If I am right, Thy grace impart,
Still in the right to stay;
If I am wrong, oh, teach my heart
To find that better way
9. Save me alike from foolish pride,
Or impious discontent,
At aught Thy wisdom has denied,
Or aught Thy goodness lent.
10. Teach me to feel another's woe,
To hide the fault I see;
That mercy I to others show
That mercy show to me.
11. Mean though I am, not wholly so,
Since quickened by Thy breath:
Oh, lead me wheresoe'er I go,
Through this day's life or death.
12. This day, be bread and peace my lot:
All else beneath the sun,

Thou know'st if best bestowed or not ;
And let Thy will be done.

13. To Thee, whose temple is all space,
Whose altar, earth, sea, skies,
One chorus let all being raise,
All nature's incense rise '

ALEXANDER POPE.

Pronounce and spell—

dun-na'-tion	dis'-con-tent	in'-cense
im-p'rt	cho'-rus	

Lesson XVIII.

A GOLDEN DEED

1 UNDER English management, Australia is excellent for sheep farms, but the "bush," as colonists everywhere call uncleared forest land, is particularly desolate and dreary. And it was into such bush that, in the winter of 1864, the three little children of a carpenter, named Duff, at a station near Melbourne, were often sent out to gather brown. The eldest was a boy of nine years old, Jane, his sister, was seven, and little Frank was five. One evening they did not come back, and their parents became alarmed. Stout men, sturdy explorers, have been known to be down-furnished, to

On the Saturday week, the blacks led the father up to a clump of broom, where lay three little figures, the least in the middle, with his sister's frock over his own clothes. Duff went up to them, comforted, at least, that he could carry home the little corpses to their mother. But the eldest boy roused himself, sat up, and said, "Father!" then fell back from sheer weakness; and, indeed, his lips were so shrunk, that they could no longer cover his teeth.

4. Little Frank awoke as if rousing himself from a quiet sleep. "Father, why didn't you come before!" he said, "we were cooeing for you" Jane was scarcely alive; when she was lifted up, she only made a murmur of "Cold—cold!" If neither had lived to tell the tale, little Frank's condition, so much better than that of his elders, would have told how free from selfishness their behaviour must have been through all that dreadful week. When the elder brother was carried past the places that the blacks had pointed out, his account of their wanderings and adventures exactly agreed with what the natives had inferred.

5. He said that this whole time they had been without food, and had only had one drink of water—perhaps from the "pitcher plant," which is a native of those woods, and has a wonderfully-shaped cup, which retains water for many weeks. A man had been known to live eleven days in the bush upon nothing but water, but the endurance of these little ones was even more wonderful.

6. They all fast recovered, and the feeling of

2. The world hath its delights,
And its delusions too ;
But home to calmer bliss invites,
More tranquil and more true.
3. The mountain flood is strong,
But fearful in its pride ,
While gently rolls the stream along
The peaceful valley's side.
4. Life's charities, like light,
Spread smilingly afar ;
But stars approached, become more bright,
And home is life's own star.
5. The pilgrim's step in vain
Seeks Eden's sacred ground ;
But in home's holy joys, again
An Eden may be found
6. A glance of heaven to see,
To none on earth is given ,
And yet a happy family
Is but an earlier heaven

SIR JOHN BOWRING.

Pronounce and spell—

dom-es'tic

ob-scure

de-lu'-sion

or'-u'-ment

com'-mon-wealth

Lesson XX.

ANECDOTES OF A VOYAGE ROUND THE WORLD.

(From the French.)

PART I.

1. I was very young when I saw the sea for the first time, and I was struck, as every one must be, with the magnificence of the spectacle, which gave me a better idea of the almighty power of the Creator than I had ever had before. I spent the day in watching the waves, or if I perceived a distant sail, I followed it with my eyes till it had disappeared beyond the horizon.

2 From that day my strongest desire was to make a sea voyage. In my dreams at night I sailed over the wide ocean to distant lands, and even to the other hemisphere; and by day I read all the books of voyages and travels that I could get hold of. At length an unexpected event offered me the means of obtaining my long-cherished wish. My father obtained the command of a vessel which was to sail round the world on a voyage of discovery, and as I was now of an age to leave school, he determined to take me with him, and wrote to me to join him at Brest, whence his vessel was to sail in the course of the next month. My father's plan made me feel almost beside myself with joy. I made my preparations, took leave of my kind

instructor, who wished me a fortunate voyage, and soon found myself at Brest. The moment of departure at length arrived, the *Lightning* (so our brig was called) was ready to set sail, the anchor was hoisted up, a cannon fired as a signal, and then we were really at sea.

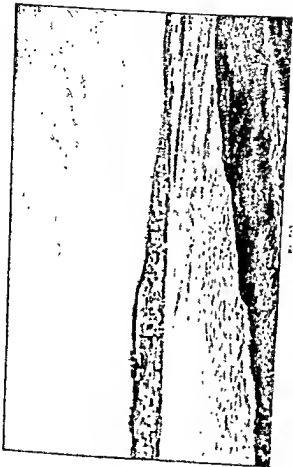
3 Our mission was to explore certain islands in the Pacific, whose situation was guessed at rather than known. We had orders to join the *Humming Bird* another brig, then near the north coast of Scotland. In order to reach our companion, it was necessary for us to coast along the cheerful shores of industrious England. The scenes which met our eyes were as varied as they were pleasing. Now a man-of-war in full sail passed majestically across the horizon - now a fleet of tiny fishing-boats skimmed just us - then again the coast of England came in sight, and hill and dale, town and village appeared rapidly in review before us.

4 When we approached the northern point of Scotland, the cold became severe though it was only the middle of October. Soon however we were enabled to turn southwards for our destined companion the *Humming Bird* made her appearance and we sailed in company with her round the western coast of Ireland and in ten days reached the Bay of Biscay. The beautiful peninsula of Spain and Portugal was soon left far behind us. I almost regretted that we did not stop at some port in these interesting countries. But our first resting place was to be at the Azores and we had to traverse a wide

extent of ocean, before we heard the welcome son
 "Land on the horizon" from a sailor who was a
 look-out

5 "Land! land!" was echoed by many voices, and not long afterwards we touched at the island of Pico, the most remarkable of the Azores. Its name means the Peak, and it is so called from its cone-shaped mountain of which the whole island is composed, and which rises immediately from the water's edge, forming a magnificent sight, especially when its snowy summit is gilded by the rays of the sun. We only remained at Pico long enough to take in some water, and then continued our voyage towards the Bermudas. We arrived at these beautiful islands after some weeks' navigation. They appeared like gardens dropped in the midst of the Atlantic, and the verdure was delightful to eyes which had so long gazed on nothing but sea and sky. The Bermudas belong to England, and a governor resides there. The population consists chiefly of Negroes, formerly slaves, but now free, and either cultivators of the land or fishermen. We found them kind and civil. They were generally poor; but the little they possessed was offered to us with cordial hospitality.

6. We soon left these lovely islands, and were again in the open sea. Monotonous as our prospect now was, we found something to interest us in the waters which surrounded us, especially the corals, which were of exceeding beauty, and in some parts rose above the level of the sea, as if to warn



the most extraordinary man of modern times, Napoleon Buonaparte, the terror of all Europe. In this lonely isle he had no longer the power of injuring mankind, and the countries he had devastated with war were at length enjoying peace and tranquillity.

10 The wind continuing favourable, we pursued our course towards the south of Africa, and doubled the Cape of Good Hope, without meeting any of the storms which are so frequent on that dangerous coast. Passing the south-east of Africa, we arrived at Madagascar. This island is uncommonly fertile and beautiful, an extensive chain of mountains traverses it lengthways, from which numerous rivers descend on all sides. Very little is known of the interior, as it is difficult for Europeans to penetrate far into the country, owing to the ferocity of the tribes by which it is inhabited. We made no stay at either Madagascar or the island of Mauritius, at which we touched, but on our arrival at Borneo, several days afterwards, I was delighted to hear that we were to remain stationary for a fortnight, during which I hoped to make some expeditions into the country.

Pronounce and spell—

mag-nif-i-cence	pe-nin-su-la	hi't-a-tude
spee'-tacle	tra'-verse	bril'-li-ant
per-cep'-t	con'-ti-nu-al	trop'-i-cal
hor-i'-zon	mon-o'-to-nous	ex-tra-or'-di-nar-y
ne'-ces-sar-y	per'-il-ous	sta'-tion-ar-y
ind-us'-tri-ous	en-tan'-gled	ex-ped-i'-tion
ma-jes'-ti-cal-ly		

under a palm tree, and began to eat some of the biscuit we had brought with us. Knowing that tigers and other wild animals are common in these forests, we kept a sharp look-out, that we might not be taken by surprise.

3. I soon heard a rustling among the bushes, and turning round, saw at some distance, not a tiger, but an old man peeping cautiously from behind a tree. "Look," exclaimed I to my companion, "there is a savage! perhaps more are behind him—he ready with your gun." By this time the barbarian had left the shelter of the bushes and advanced towards us, his frightful countenance had an expression of malignity which alarmed me, though his stooping gait showed him to be old. Berton, however, after looking for a moment at the advancing savage, burst out laughing.

4 "It is no man," said he, "but an orang-outang, I have seen one before in France. We had better not molest him, as these creatures are sometimes extremely ferocious." As he spoke he drew me aside, in order to let the "man of the woods" pass. But we were not destined to part company so easily, the creature fixed his eyes upon us intently, grinding his teeth, and then brandishing a huge stick which he held, he suddenly bounded close to us. I sprang backwards and fired, but only wounded him slightly, Berton stepped a few paces back to try his luck, but the man of the woods meanwhile had given me so violent a blow with his stick that I had nearly fallen.

5. He was preparing to spring upon me, but I slipped behind a tree. At the same moment Berton

hired, and my dangerous foe fell dead on the ground. Fearing to lose ourselves in the forest, we now began to retrace our steps. We had not proceeded far, before our attention was attracted to a singular hissing noise, apparently very near us. "It must be a serpent," cried I, stepping backwards, 'and look, there he is!" At this moment we perceived a large serpent, whose eyes *shone like diamonds in his beautiful marked head*. He was already rearing himself up to make the fatal spring. I prepared to receive it with a blow from the butt end of my gun, but my companion gave a sudden shout, which fortunately startled the reptile, it drew back its crested head and glistening eyes, uncoiled its long tail, and slowly glided away into the thicket.

6 We were most thankful for this escape, as we know that the serpents of these forests were exceedingly venomous, and that a bite from one of them would in all probability have occasioned death. We now pursued our way in peace, nothing of importance occurring during the remainder of our ramble. Just before sunset we emerged from the forest, and our companions, who were strolling about the beach enjoying the cool breeze, hastened to meet us, and congratulate us on our safe return. We showed them some curious plants we had brought with us, and also some beautiful parrots which we had shot, intending to stuff them and take them home as specimens to our friends in Europe.

7. I was disappointed in my hope of penetrating far into the interior of Borneo, for my father would not hear of my attempting an expedition so full of dangers.

and which besides could hardly have been performed during our limited stay. I was obliged therefore to content myself with rambles on the coast, and the forests near at hand, in which indeed I found enough that was interesting and curious to occupy my leisure hours. I saw nothing of the original inhabitants of Borneo, they having been driven from the sea-coast by the Malays, who have established colonies there. The native tribes are little known to Europeans, but with the Malays, sailors who are accustomed to the navigation of the Indian Ocean are only too well acquainted. They are a cruel and ferocious people, though not destitute of some of the arts of civilisation. They derive their name from the peninsula of Malacca, whence the race is believed to have been originally derived.

8. We left Borneo with a favourable wind, but the weather soon changed for the worse, we were tossed about for several days, during which our vessel was in imminent danger. The wind had at length abated, though the sea still continued very rough, when we descried a boat struggling amid the waves at some distance. On examining it through the telescope, my father declared he saw several men, who seemed to be trying to hoist a signal of distress. We immediately steered towards the venturous little bark, but owing to the violence of the waves, it was some time before we could get alongside of her, and receive her unfortunate crew on board our vessel.

9. We found that they were five in number, but one only was in a condition to speak, and from his

fired, and my dangerous foe fell dead on the ground. Fearing to lose ourselves in the forest, we now began to retrace our steps. We had not proceeded far, before our attention was attracted to a singular hissing noise, apparently very near us. "It must be a serpent," cried I, stepping backwards, 'and look, there he is!' At this moment we perceived a large serpent, whose eyes shone like diamonds in his beautiful marked head. He was already rearing himself up to make the fatal spring. I prepared to receive it with a blow from the butt end of my gun, but my companion gave a sudden shout, which fortunately startled the reptile, it drew back its crested head and glistening eyes, uncoiled its long tail, and slowly glided away into the thicket.

6. We were most thankful for this escape, as we knew that the serpents of these forests were exceedingly venomous, and that a bite from one of them would in all probability have occasioned death. We now pursued our way in peace, nothing of importance occurring during the remainder of our ramble. Just before sunset we emerged from the forest, and our companions, who were strolling about the beach enjoying the cool breeze, hastened to meet us, and congratulate us on our safe return. We showed them some curious plants we had brought with us, and also some beautiful parrots which we had shot, intending to stuff them and take them home as specimens to our friends in Europe.

7. I was disappointed in my hope of penetrating far to the interior of Borneo, for my father would not allow of my attempting an expedition so full of danger.

and which besides could hardly have been performed during our limited stay. I was obliged therefore to content myself with rambles on the coast, and the forests near at hand, in which indeed I found enough that was interesting and curious to occupy my leisure hours. I saw nothing of the original inhabitants of Borneo, they having been driven from the sea-coast by the Malays, who have established colonies there. The native tribes are little known to Europeans but with the Malays, sailors who are accustomed to the navigation of the Indian Ocean are only too well acquainted. They are a cruel and ferocious people though not destitute of some of the arts of civilisation. They derive their name from the peninsula of Malacca, whence the race is believed to have been originally derived.

8 We left Borneo with a favourable wind but the weather soon changed for the worse we were tossed about for several days during which our vessel was in imminent danger. The wind had at length abated though the sea still continued very rough when we descried a boat struggling amid the waves at some distance. On examining it through the telescope my father declared he saw several men who seemed to be trying to hoist a signal of distress. We immediately steered towards the venturous little bark but owing to the violence of the waves it was some time before we could get alongside of her and receive her unfortunate crew on board our vessel.

9 We found that they were six in number but one only was in a condition to speak, and from his

first words it was easy to see what had been their sufferings. "Water, water!" he stammered out in a broken voice; "we are dying of thirst." The poor fellows were instantly conveyed to the cabin and every care bestowed upon them, that the kindness of our crew and the skill of the surgeon could suggest. In spite of all our efforts two of the sufferers expired before morning, the three who survived were very ill for many days. As soon as they were able to speak we expressed our anxiety to hear their sad history and one of them related it to us in the following words:

Providence and quail

can't touch by	land'ish-ming	spe' cimen
and I g'ive to	top'ing-out	ex'haust'ion
f'or'ever	congrat'ulate	

One of them was upset almost immediately, and all who were in her met with a watery grave, but those in the other boat began soon to doubt whether their comrades' fate was not to be envied. We had thrown a bag of biscuit and some salt pork into our boat. But in the hurry and confusion we had forgotten to take water; perhaps, indeed, it would have been impossible to get a barrel out of the hold in time, for the frigate went down in five minutes after our quitting her. However that may be, our sufferings from thirst soon became intense, the storm had ceased, and the burning sun beating upon our unprotected heads made us almost frantic. We forgot all the other dangers and hardships to which we were exposed, — we thought only of the heat and thirst which became daily more insupportable.

3. I advised my companions not to eat the salt pork, which aggravated instead of relieving their suffering, but the biscuit being exhausted most of them could not refrain from the only food which remained, and what was worse, they drank the salt water. This, when taken in large quantities and as the only liquid, generally produces delirium: several of our sailors lost their senses, and two of them in frenzy, threw themselves over the side of the boat and perished in the waves. The rest of our sad company sat in gloomy silence, most of them unable to speak, one after another died till our number was reduced to five, and of those, I alone retained my consciousness probably from my having abstained from the pork and from sea-water. On the day on which your vessel

first words it was easy to see what had been their sufferings. "Water, water!" he stammered out in a broken voice; "we are dying of thirst." The poor fellows were instantly conveyed to the cabin, and every care bestowed upon them, that the kindness of our crew and the skill of the surgeon could suggest. In spite of all our efforts, two of the sufferers expired before morning, the three who survived were very ill for many days. As soon as they were able to speak, we expressed our anxiety to hear their sad history, and one of them related it to us in the following words.

Pronounce and spell —

can't-thous-ly	bran'd-ish-ing	spe'-ci-men
ma-lig'-n-ty	ven'-om-ous	en-dur'-a'-tion
fe-ro'-cious	con-grat'-u-late	

PART III

1. "We belong," said he, "to an English vessel, as you have probably already guessed, I am indeed the only one among us who can speak French. I was the second lieutenant on board a frigate, bound for the Pacific. Our ship was old, and many among us suspected her being not sea-worthy, which unfortunately proved to be the case, for during a violent storm which drove us far out of our course, we discovered that we had sprung a leak. In spite of all our labour at the pumps, the vessel filled very fast; the storm still raged around us, and our destruction seemed inevitable.

2. "Our only chance was to take to the boats.

One of them was upset almost immediately, and all who were in her met with a watery grave, but those in the other boat began soon to doubt whether their comrades' fate was not to be envied. We had thrown a bag of biscuit and some salt pork into our boat. But in the hurry and confusion we had forgotten to take water; perhaps, indeed, it would have been impossible to get a barrel out of the hold in time, for the frigate went down in five minutes after our quitting her. However that may be, our sufferings from thirst soon became intense, the storm had ceased, and the burning sun beating upon our unsheltered heads made us almost frantic. We forgot all the other dangers and hardships to which we were exposed,—we thought only of the heat and thirst, which became daily more insupportable.

3. "I advised my companions not to eat the salt pork, which aggravated instead of relieving their suffering; but the biscuit being exhausted, most of them could not refrain from the only food which remained, and what was worse, they drank the salt water. This, when taken in large quantities, and as the only liquid, generally produces delirium: several of our sailors lost their senses, and two of them, in frenzy, threw themselves over the side of the boat and perished in the waves. The rest of our sad company sat in gloomy silence, most of them unable to speak: one after another died, till our number was reduced to five, and of those, I alone retained my consciousness probably from my having abstained from the pork and from sea-water. On the day on which your vessel

appeared, I had given up all hopes of escape, and only endeavoured to prepare myself for death by prayer.

4. "My mind was so confused that I could scarcely form connected thoughts, and all around me seemed red and burning.—a few hours more and it would have been too late. When I perceived a ship at no great distance, I feebly raised an oar with a piece of linen fastened to it, which we had made for a signal of distress, in case of our meeting with a vessel but the effort was too much for me, and I sank down in the boat, as I believed, to breathe my last. I remember no more, till I found myself on board your ship and surrounded by kind faces." Here ended the English officer's sad tale. Feeling for his sufferings and those of his surviving companions, we spared no pains to restore their health, and console them for the loss of their comrades, and of all they possessed. In the course of our voyage we fell in with a British vessel, and at their request our new friends were taken on board of her. We parted with kindly feelings on both sides, all national differences having been swept away by the friendly relation of obligers and obliged, which had existed between us.

5. We were now sailing among the innumerable groups of islands which are called by the general name Polynesia, and among which our intended discoveries were to be made. I am not now writing a log-book, and, indeed, if I attempted to give a minute account of the various islands we visited, and of the adventures we met with in the Pacific, I should never have done. I shall only say that we succeeded in our object, which

was to ascertain the exact position of a group of islands hitherto very little known; we found, however, that they were mere rocks of coral, and too insignificant in size to make our discoveries of much importance, except to navigators.

6. This business being over, we had only to think of returning home, and accordingly we steered for Cape Horn. We now entered on the most disagreeable part of our voyage, for the climate at the southern extremity of America is very cold, and the weather generally stormy; the doubling of Cape Horn, in particular, is a most perilous affair. We accomplished it, however, in safety, and after many days of weary tossing on the raging ocean, we at last reached warmer latitudes and a calmer sea. All thoughts were now fixed upon home, every day brought us nearer to France, and our spirits rose with the joyful prospect of seeing our friends and country again.

7. The only thing which made our happiness incomplete, was the absence of our companion the *Humming Bird*, which had been separated from us during the stormy weather we had met with near Cape Horn, we had seen nothing of her since, and were becoming anxious concerning the fate of our comrade. It was therefore determined to wait some days at Madeira, in order to give her time to come up with us, if indeed she yet existed. Our time was pleasantly spent at this beautiful island, which unites in a great degree the vegetation of Europe with that of the Tropics. The climate is considered the finest in the world, and invalids are often sent there to recover their health.

8. After waiting about a week at Funchal, the principal town of Madeira, we were joined by the *Humming Bird*, to our great satisfaction; it appeared that she had been driven out of her course by the storm which had divided us, and not being quite so fast a sailor as the *Lightning*, she had not been able to recover lost time. We now proceeded homewards without more delay, and soon entered the Mediterranean.

9 No more adventures occurred to disturb the tranquillity of the last days of our voyage, and we reached Marseilles, where we were to land, in perfect safety, and with feelings of the deepest thankfulness for having been preserved amidst all the dangers we had encountered during an absence of nearly two years.

Pronounce and spell—

in-ev'-i-table	de-h'i'-i-um	sat-is fac'-tion
ag'-grav-a-ted	as-cer-ta'in	

Lesson XXI.

INVENTION OF THE MICROSCOPE AND THE TELESCOPE

1. It has been well observed that about the same time when the invention of the telescope showed us that there might be myriads of other worlds claiming the Creator's care, the invention of the microscope proved to us that there were in our own world myriads of

creatures, before unknown, which this care was preserving. While one discovery seemed to remove the Divine Providence farther from us, the other gave us most striking examples that it was far more active in our neighbourhood than we had supposed, while the first extended the boundaries of God's known kingdom, the second made its known administration more minute and careful.

2 It appeared that in the leaf and in the bud, in solids and fluids, animals existed hitherto unsuspected, the apparently dead masses and blank spaces of the world were found to swarm with life. And yet, of the animals thus revealed all though unknown to us before, had never been forgotten by Providence. Their structure, their vessels and limbs, their adaptation to their situation, their food and habitations, were regulated in as beautiful and complete a manner as those of the largest and apparently most favoured animals.

3 The smallest insects are as exactly finished, often as gaily ornamented, as the most graceful beasts or birds of the brightest plumage. And when we seem to go out of the domain of the complex animal structure with which we are familiar, and come to animals of apparently more scanty faculties and less developed powers of enjoyment and action, we still find that their faculties and their senses are in exact harmony with their situation and circumstances, that the wants which they have are provided for and the powers which they possess called into action. We find, therefore, that the Divine Providence is, in fact, extended over an immense succession of tribes of beings, surpass-

ing what we could have conceived or expected; and thus we may feel secure that the mere multitude of created objects cannot remove us from the governor and superintendence of our Creator.

WHEWELL

Pronounce and spell—

mi'-cro-scope	min-u'te	struc'-ture
myr'-i-ads	un-sus-pec't-ed	fa'-cul-ties
in-ven'-tion	ap-par'-ent-ly	de-vel'-ope
ad min-is-tra'-tion	com'-plex	suc-ces'-sio
su-per-in-ten'd-ence		

Lesson XXII.

SELF-EXALTATION AND CENSURE OF OTHERS CONDEMNED.

[Translated from the Sanskrit.]

1. HIMSELF in men's esteem to raise
On other's faults let no one dwell;
But rather let a man excel
All other men in doing well,
And thus command the meed of praise.
2. Oft worthless men, in blind conceit,
Their own superior merits vaunt,
And better men with failings taunt:
Reproof themselves with scorn they meet.

By blameless acts alone the wise,—
 Although they ne'er themselves exalt,
 Nor yet with other men find fault,—
 To high esteem and honour rise

- 3 The odour sweet of virtuous deeds
 Though voiceless, far and wide will fly
 To tell his presence in the sky
 The noonday sun no herald needs.

By self-applause a fool in vain
 From others seeks renown to gain,
 A wise man's merits, long concealed,
 At last are surely all revealed.

Translated from the *Mohabbatnāma*, by Dr. JOHN MUIR, C. I. E.

Pronounce and spell—

con-demned	cer'-sur	ap-pli'use
ex-al-ta-tion	be'-rubl	re-ve'al'd

Lesson XXIII.

GOOD MANNERS

1 GOOD-BREEDING has been justly defined to be the result of much good sense, some good nature, and a little self-denial. Taking this for granted, it is astonishing to me, that any one who has good sense and good nature, can essentially fail in good-breeding.

2 Good manners are, to particular societies, w
good morals are to society in general.—their cen
and their security The immoral man, who inva
another's property, is justly punished for it; and t
ill-bred man, who by his ill-manners invades and d
turbs the quiet and comforts of private life, is
common consent as justly banished society For m
own part, I really think, next to the conscientious
doing a good action, that of doing a civil one is th
most pleasing; and the epithet which I should cov
the most, next to that of 'just' would be that o
'well-bred'

3 Very few, scarcely any, are wanting in the respect
which they should show to those whom they acknow
ledge to be infinitely their superiors, such as crown
heads, princes, and public persons of distinguished an
cument posts It is the manner of showing thi
respect which is different The man of fashion, and
of the world, expresses it in its fullest extent, but
naturally early and without concern whereas a man
who is not used to keep good company expresses it
awkwardly we see that he is not used to it and that
it costs him a great deal but I never saw the worst
bred man living guilty of billing, whistling, and an h
red con. in companies that he respected

4 In mixed companies whoever is admitted to
take part of them is, for the time at least, supposed to
be upon a footing of equality with the rest, and conse
quently as there is no one principal part of equal
importance, it is taken a greater liberty in
the conversation to be upon that ground, and

so they may, provided it be within certain bounds, which are upon no occasion to be transgressed. But upon these occasions, though no one is entitled to distinguished marks of respect, every one claims, and very justly, every mark of civility and good-breeding. Ease is allowed, but carelessness and negligence are strictly forbidden. If a man accost you, and talk to you ever so dully or frivolously, it is worse than rudeness, it is brutality, to show him, by a manifest inattention to what he says, that you think him a fool or a blockhead, and not worth hearing.

5. Neither must you ever usurp to yourself those conveniences and gratifications which are of common right, such as the best places, the best dishes, &c., but, on the contrary, always decline them yourself, and offer them to others; who, in their turns, will offer them to you; so that, upon the whole, you will in your turn enjoy your share of the common right.

6. There is a third sort of good-breeding, in which people are the most apt to fall from a very mistaken notion that they cannot fail at all. I mean with regard to our most familiar friends and acquaintances, or those who really are our inferiors, and there, undoubtedly, a greater degree of ease is not only allowed, but proper, and contributes much to the comforts of a private social life.

7. But ease and freedom have their bounds, which must by no means be violated. A certain degree of negligence and carelessness becomes injurious and insulting, from the real or supposed inferiority of the persons, and that delightful liberty of conversation

among a few friends is soon destroyed, as liberty often has been, by being carried to licence. The most familiar and intimate habitudes, connections, and friendships, require a degree of good-breeding, both to preserve and cement them. The best of us have our bad sides, and it is as imprudent as it is ill-bred to exhibit them.

LORD CHESTERFIELD.

Pronounce and spell—

es-sen'-ti-al-ly	dis-tin'-guish	neg'-li-gence
so-ci'-e-ty	awk'-ward-ly	friv'-o-lous-ly
so-cu'-ri-ty	in-de'-cen-cy	bru-tal'i-ty
ep'i-thet	trans-gres'sed	li-cen'-tious-ness
ac-know'-ledge		

Lesson XXIV.

THE HOUR OF PRAYER.

[To be learnt by heart.]

1. CHILD, amidst the flowers at play,
While the red light fades away;
Mother, with thine earnest eye
Ever following silently,
Father, by the breeze of eve,
Call'd thy harvest work to leave,—
Pray, ere yet the dark hours be,
Lift the heart and bend the knee!

2. Traveller, in the stranger's land,
 Far from thine own household land
 Mourner, haunted by the tone
 Of a voice from this world gone,
 Captive, in whose narrow cell
 Sunshine hath not leave to dwell,
 Sailer, on the darkening sea—
 Lift the heart and bend the knee!
3. Warrior, that, from battle won,
 Breakest now at set of sun:
 Woman, o'er the lonely slain
 Weeping on his burial-dun,
 Ye that triumph, ye that sigh,
 Kindred by one holy tie,
 Heaven's first star alike ye see—
 Lift the heart and bend the knee!

MRS. HYMAN.

Pronounce and spell—

traveller

sun'-shine

war' bor

captive

house hold

kindred

Lesson XXV.

HOW THE RAJAH TOOK THE CENSUS.

I. THE RAJAH'S DIFFICULTY.

1. THE Rajah of Lunkuck was a very wise man, and he showed his wisdom greatly in the way he took the

side of the island, he always saw the villages full of people, all looking well-fed and happy.

3. He noticed that the knives of his chiefs and officers were getting handsomer and handsomer, and the handles that were of yellow wood were changed for ivory, and those of ivory were changed for gold, and diamonds and emeralds sparkled on many of them, and he knew very well which way the tribute-rice went. But as he could not prove it, he kept silence, and resolved in his own heart some day to have a census taken, so that he might know the number of his people, and not be cheated out of more rice than was just and reasonable.

4. But the difficulty was how to get this census. He could not go himself into every village and every house, and count all the people, and if he ordered it to be done by the regular officers, they would quickly understand what it was for, and the census would be sure to agree exactly with the quantity of rice he got last year. It was evident, therefore, that to answer his purpose no one must suspect why the census was taken, and to make sure of this, no one must know that there was any census taken at all. This was a very hard problem; and the Rajah thought and thought, as hard as a Malay Rajah can be expected to think, but could not solve it; and so he was very unhappy, and did nothing but smoke and chew betel with his favourite wife, and eat scarcely anything; and even when he went to the cock-fight did not seem to care whether his best birds won or lost.

5. For several days he remained in this state, and all the court were afraid some evil eye had bewitched the Rajah; and an unfortunate Irish captain who had come

census. For my readers must know that the revenues of the Rajah were derived from a tax of rice, a small measure being paid annually to every man, woman, and child in the island. There is no doubt that every one paid this tax, for it was a light one, and the land was fertile and the people rich; but it had to pass through many hands before it reached the Government storehouses. When the harvest was over, the villagers brought their rice to the Kapala kampong, or head of the village, and he sometimes had compassion on the poor, the sick, and passed over their short measures, and sometimes was obliged to grant a favour to those who made complaints against him, and then he must keep up his own dignity by having his granaries better filled than his neighbours, and so the rice that he took to the "Wahlonos" that was over his district was quite a good deal less than it should have been.

2. All the "Wahlonos" had to take care of the rice, for they were all in debt, and it was so easy to take a little of the Government rice, and there was still be plenty for the Rajah. And the mandarins or princes who received the rice from the Wahlonos helped themselves likewise, and so when the harvest was all over and the rice tribute was all brought in, the quantity was found to be less each year than the one before. So known in one district, and known in another, and failure of the crops in a third was of course alleged as the cause of this falling off. It was when the Rajah went to hunt at the foot of the great mountain that he found out the truth, and the rice

side of the island, he always saw the villages full of people, all looking well-fed and happy.

3 He noticed that the knives of his chiefs and officers were getting handsomer and handsomer; and the handles that were of yellow wood were changed for ivory, and those of ivory were changed for gold, and diamonds and emeralds sparkled on many of them, and he knew very well which way the tribute-rice went. But as he could not prove it, he kept silence, and resolved in his own heart some day to have a census taken, so that he might know the number of his people, and not be cheated out of more rice than was just and reasonable.

4 But the difficulty was how to get this census. He could not go himself into every village and every house, and count all the people, and if he ordered it to be done by the regular officers, they would quickly understand what it was for, and the census would be sure to agree exactly with the quantity of rice he got last year. It was evident, therefore, that to answer his purpose, no one must suspect why the census was taken; and to make sure of this, no one must know that there was any census taken at all. This was a very hard problem; and the Rajah thought and thought, as hard as a Malay Rajah can be expected to think, but could not solve it; and so he was very unhappy, and did nothing but smoke and chew betel with his favourite wife, and eat scarcely anything, and even when he went to the cock-fight did not seem to care whether his best birds won or lost.

5 For several days he remained in this state, and all the court were afraid some evil eye had benighted the Rajah: and an unfortunate Irish captain who had come

over the mountain streams and smoothed the rough places for the Rajah's passage. And when they came to the steep and craggy rocks of the mountain they sought out the best paths, sometimes along the bed of a torrent, sometimes along narrow ledges of the black rocks, in one place cutting down a tall tree so as to bridge across a chasm, in another constructing ladders to mount the smooth face of a precipice. The chiefs who superintended the work fixed upon the length of each day's journey by consulting to the nature of the road and chose pleasant places by the banks of clear streams and in the neighbourhood of shady trees where they built sheds and huts of bamboo well thatched with the leaves of palm trees in which the Rajah and his attendants might rest and sleep at the close of each day.

4 And when all was ready the princes and priests and chief men came again to the Rajah to tell him what had been done, and to ask him when he would go up the mountain. And he fixed a day and ordered every man of rank and authority to accompany him to do honour to the great spirit who had led him undertake the journey and to show how willingly they obeyed his commands. And then there was much preparation throughout the whole island. The best cattle were killed and the meat was salted and sun-dried. A great store of red peppers and sweet potatoes were gathered and the tall pinang trees were climbed for the spicy bark, the each leaf was tied up in bundles and every town filled his tobacco-pouch and tin-boxes to the brim, so that he might not want any of the

materials for chewing the refreshing betel during the journey.

5. The stores of provisions were sent on a day in advance. And on the day before that appointed for starting, all the chiefs both great and small came to Mataram, the abode of the king, with their horses and their servants, and the bearers of their silk boxes, and their sleeping-mats, and their provisions. And they encamped under the tall Waringin trees that border all the roads about Mataram, and with idling fires frightened away the ghouls and evil spirits that are supposed to nightly haunt the gloomy avenues.

1. THE PROCESSION TO THE MOUNTAIN

1. In the morning a great procession was formed to conduct the Rajah to the mountain. The royal princes and relations of the Rajah mounted their black horses whose tails swept the ground; they used no saddle or stirrups, but sat upon a both of grey cloth; the bits were of silver and the bridle of many coloured cords. The less important people were on small strong horses of various colours well suited to a mountain journey, and all wore the Rajah's turban, by and by above the knee, wearing only the grey coloured cotton waist cloth, a silver cotton pocket and a large handkerchief of fast colours tied round the head. The women were attended by one or two servants bearing baskets and tied to the sides were also mounted on ponies, and the whole procession went on in advance of which the king rode. The women carried their

numbered by hundreds and their followers by thousands, and all the island wondered what great thing would come of it.

2 For the first two days they went along good roads and through many villages, which were swept clean, and where bright cloths were hung out at the windows.



THE PROCESSION

and all the people when the Rajah came, squatted down upon the ground in respect, and every man riding got off his horse and squatted down also and many joined the procession at every village. At the place where they stopped for the night the people had placed stakes along each side of the roads in front of the houses. These were split crosswise at the top and in the

clift were fastened little clay lamps, and between them were stuck the green leaves of palm-trees, which, dripping with the evening dew glistened prettily with the many twinkling lights. And few went to sleep that night till the morning hours, for every house held a knot of eager talkers, and much betel-out was consumed, and endless were the conjectures as to what would come of it.

3. On the second day, they left the last village behind them and entered the wild country that surrounds the great mountain, and rested in the huts that had been prepared for them on the banks of a stream of cold and sparkling water. The Rajah's hunters, armed with long and heavy guns, went in search of deer and wild bulls in the surrounding woods, and brought home the meat of both in the early morning, and sent it on in advance to prepare the midday meal. On the third day they advanced as far as horses could go, and encamped at the foot of high rocks, among which narrow pathways only could be found to reach the mountain-top. On the fourth morning, when the Rajah set out, he was accompanied only by a small party of priests and princes with their immediate attendants, and they toiled wearily up the rugged way, and sometimes were carried by their servants, till they passed up above the great trees, and then among the thorny bushes, and above them again on to the black and burnt rock of the highest part of the mountain.

4. When they were near the summit, the Rajah ordered them all to halt, while he alone went to meet the great spirit on the very peak of the mountain. So

he went on with two boys only, who carried his sack and bed, and soon reached the top of the mountain among great rocks on the edge of the great gulf whence issue forth continually smoke and vapour. The Rajah asked for sack and told the boys to sit down under a rock and look down the mountain and not to move till he returned to them. As they were tired, and the sun was warm and pleasant, and the rock sheltered them from the cold wind, the boys fell asleep. The Rajah went a little way on under another rock and he was tired and the sun was warm and pleasant and he too fell asleep.

Those who were waiting for the Rajah thought him a long time on the top of the mountain, and thought the great spirit must have much to say or might perhaps want to keep him on the mountain always or perhaps he had missed his way in coming down again. They were debating whether they should go and search for him when they saw him coming down with the two boys. And when he met them he looked very grave but said nothing, and then all descended together, and the procession returned as it had come, and the Rajah went to his palace and the chiefs to their villages, and the people to their houses, to tell their wives and children all that had happened, and to wonder yet again what would come of it.

4. WHAT CAME OF IT

1. Three days afterwards, the Rajah summoned the priests and the princes and the chief men of Mataram,

to hear what the great spirit had told him on the top of the mountain. When they were all assembled, the betel and sirih had been handed round, he told them what had happened. On the top of the mountain he had fallen into a trance, and the great spirit had appeared to him with a face like burnished gold, and he said: "O Rajah! much plague and sickness and fever are coming upon all the earth, upon men and upon horses and upon cattle, but as you and your people have obeyed me, and have come up to my great mountain, I will teach you how you and all the people of Lomboek may escape this plague."

2. All waited anxiously to hear how they were to be saved from so fearful a calamity. After a short silence, the Rajah spoke again and told them,—that the great spirit had commanded that twelve sacred kris-ses (or knives) should be made, and that to make them, every village and district must send a bundle of needles—a needle for every head in the village. When any grievous disease appeared in any village, one of the sacred kris-ses should be sent there, and if every one in that village had sent the right number of needles, the disease would immediately cease, but if the number of needles sent had not been exact, the kris would have no virtue.

3. So the princes and chiefs went to all their villages and communicated the wonderful news, and all made haste to collect the needles with the greatest accuracy, and feared that it but one were wanting the whole kris would suffer. So one by one, the head men of every village brought in their bundles of needles; these

who were near Mataram came first, and those who were far off came last, and the Rajah received them with his own hands, and put them away carefully in an inner chamber in a camphor-wood chest, whose luges and clasps were of silver, and on every bundle was marked the name of the village and the district from whence it came, so that it might be known that all had heard and obeyed the commands of the great spirit.

4 When it was quite certain that every village had sent in its bundle, the Rajah divided the needles into twelve equal parts, and ordered the best steel-worker in Mataram to bring his forge and his bellows and his hammers to the palace, and to make the twelve krisses under the Rajah's eye, and in the sight of all men who chose to see it. When they were finished they were wrapped up in new silk, and put away carefully until they might be wanted.

5 Now the journey to the mountain was in the time of the east wind, when no rain falls in Lomboek. Soon after the krisses were made, it was the time of the rice harvest, and the chiefs of districts and of villages brought in their tax to the Rajah according to the number of heads in their villages. To those that wanted but little of the full amount, the Rajah said nothing; but when those came who brought only half or a fourth part of what was strictly due, he said to them mildly, "The needles which you sent from your village were many more than came from such-a-one's village, yet your tribute is less than his, go back and see who it is that has not paid the tax." The next year the produce of the tax increased greatly, for

they feared that the Rajah might justly kill those who a second time kept back the right tribute. So the Rajah became very rich, and increased the number of his soldiers, and gave golden jewels to his wives, and bought fine black horses from the white-skinned Hollanders, and made great feasts when his children were born or were married, and none of the Rajahs or Sultans among the Malaya were so great or so powerful as the Rajah of Lomboek.

6. The twelve sacred krisses had great virtue. And when any sickness appeared in a village one of them was sent for; and sometimes the sickness went away, and then the sacred kris was taken back again with great honour, and the head men of the village came to tell the Rajah of its miraculous power, and to thank him. Sometimes the sickness would not go away, and then everybody was convinced that there had been a mistake in the number of needles sent from that village, and therefore the sacred kris had no effect, and had to be taken back again by the head men with heavy hearts, but still with all honour,—for was not the fault their own? A. R. WALLACE

Pronounce and spell—

(1) de-ri'ved	com-plai'nts	re'-ven-ue
trib'-ute	ful'-ure	di'-a-mond
fert'-ile	prob'-lem	em'-er-abl
gran'-ar-ies		
(2) me'-lan-chol-y	pre'-ci-pice	un-der-ta'ke
po-ta'-toes	en-camp'ed	a'-ven-ue

(3) pro-ces'-sion	stir'-rup	twink'-ling
im-perf'-ures	sum'-mit	ad'-pore
shel'-ter	de-ba'-ting	pal'-ace
(4) as-sem'-bled	an'-cient	cap'-tious
ca-lam'-i-ty	as-ser'-tion	yearn'-ings
ket'-ter	jo'-und	sur'-vey
con-mu'-ni-cat-ed	de-lin'-quent	ra'-vished
ac'-cu-ra-cy	worth'-less	be-stow
cam'-phor	re-prie've	harm'-te-ous
har'-vest	chaf'-fered	e-ter'-ni-ty
wild'-ly	mes'-sen-ger	ad-vent'-ure
mis-ac'-tions	four'-score	on'-in-ous
con-vin'-ced	dam'-a-ges	symp'-tom

Lesson XXVI.

HEALTH AND DISEASE

1 So far from the rational care of health being justly chargeable with the imputation of selfishness, so often ignominiously thrown out against it, there is nothing which tends so much to relieve society from the burden of miseries not its own, as each individual taking such care of his constitution as shall enable him to cope successfully with the duties and difficulties of the situation in which he is placed. No man is so

thoroughly selfish as he who, in the ardent pursuit of pleasure or of profit, heedlessly exposes his life to hazard, regardless of the suffering which he may entail upon those who depend on him for support.

2. In the abstract, all admit that the enjoyment of health is the first of earthly blessings, and that without it all others may be lavished in vain, and yet it has been quaintly asked, "Who is he that values health at the rate it is worth? not he that hath it, he reckons it among the common ordinary enjoyments, and takes less notice of it, or less regards it, than his long-worn clothes, perhaps more careful of his garments, remembering their price; but thinks his health costs him nothing, and coming to him at so easy a rate, values it accordingly, and hath little regard to keep it; is never truly sensible of what he enjoyed until he finds the want of it by sickness; then health, above all things, is earnestly desired and wished for."

3. In proportion, however, as we consider the matter with that attention which its importance really deserves, we shall become anxious rather to take care of health when we have it than first to lose, and then exert ourselves to recover it. Such was evidently the feeling which elicited the following remarks from a very clear-sighted author:—

4. "You that have health," says he, "and know not how to prize it, I'll tell you what it is, that you may love it better, put a higher value upon it, and endeavour to preserve it with a more serious, stricter observance and tuition. Health is that which makes

your meat and drink both savoury and pleasant, else Nature's injunction of eating and drinking were a hard task and a slavish custom. Health is that which makes your bed easy and your sleep refreshing, that revives your strength with the rising sun, and makes you cheerful at the light of another day, 'tis that which fills up the hollow and uneven places of your carcase, and makes your body plump and comely, 'tis that which dresseth you up in Nature's richest attire, and adorns your face with her choicest colours. 'Tis that which makes exercise a sport, and walking abroad the enjoyment of your liberty. 'Tis that which makes fertile and increaseth the natural endowments of your mind, and preserves them long from decay, makes your wit acute, and your memory retentive. 'Tis that which supports the fragility of a corruptible body, and preserves the verdure, vigour and beauty of youth. 'Tis that which makes the soul take delight in her mansion, sporting herself at the casements of your eyes. 'Tis that which makes pleasure to be pleasure, and delights delightful, without which you can solace yourself in nothing.

5 " But now take a view of yourself when health has turned its back upon you, and deserts your company, see then how the scene is changed, how you are robbed and spoiled of all your comforts and enjoyments. Sleep that was stretched out from evening to the fair bright day is now all broken into pieces, and subdivided, not worth the accounting, the night that before seemed short is now too long, and the downy bed presseth hard against the bones. Exercise is now

Lesson XXVII.

CROSSING A HIMALAYAN GLACIER

1. We were soon doomed to make a closer acquaintance with some of these enormous glaciers. Ere long we came to one which stretched down all the way into the river, so there was no chance of flanking it. At first it looked as if we were painfully crossing the huge ridges of a fallen mountain, but this soon proved to be an immense glacier, very thickly covered over with slabs of clay-slate, and with large blocks of granite, but with the solid ice underneath exposed here and there, and especially in the surfaces of the large crevasses which went down to unknown depths. Some of these edges must have been two or three hundred feet in height. This glacier, like others which followed, was a frightfully fatiguing and exasperating thing to cross, and occupied us nearly three hours, our guides being rather at a loss in finding a way over.

2. I should have been the whole day upon it, but for the astounding performance of my little Spiti mare, which now showed how wise had been the selection of it for this difficult journey. Never before had I fully realised the goat-like agility of these animals, and I almost despaired of making her achievements credible. She sprang from block to block of granite, even with my weight upon her, like an ibex. No one who had

not seen the performance of a Spiti pony could have believed it possible for any animal of the kind to go over the ground at all, and much less with a rider upon it. But this mare went steadily on with me up and down the ridges, over the great rough blocks of granite and the treacherous slabs of slate.

3. I had to dismount and walk, or rather climb, a little, only three or four times, and that not so much from necessity as from pity for the little creature, which was trembling in every limb from the great leaps and other exertions which she had to make. On these occasions she required no one to lead her, but followed us like a dog, and was obedient to the voice of her owner. Shortly before coming to the glacier, I thought she was going over a precipice with me, owing to her losing her footing on coming down some high steps, but she saved herself by falling on her knees and then making a marvellous side spring. On the glacier, also, though she sometimes lost her footing, she always managed to recover it immediately in some extraordinary way. Her great exertions did not require any goad, and arose from her own spirit and eager determination to overcome the obstacles which presented themselves, though in ordinary circumstances she was perfectly placid, and content to jog along as slowly as might be. Even when I was on this mare she would pose herself on the top of a block of granite, with her four feet close together after the manner of a goat, and she leaped across crevasses of unknown depth after having to go down a slippery slope on one side, and when, on the other, she had

nothing to jump upon except steeply inclined blocks of stone.

4 There was something affecting in the interest which this mare, and some of the other mountain ponies I had elsewhere, took in surmounting difficulties, and not less so in the eagerness, at stiff places, of the foals which so often accompanied us without carrying any burden. Thus in early youth they get accustomed to mountain journeys and to the strenuous exertions which these involve.

5 At the same time the Himalayan ponies husband their breath very carefully in going up long ascents, and no urging on these occasions will force them to go faster than they think right, or prevent them from stopping every now and then just as long as they think proper. These are matters which must be left entirely to the ponies themselves, and they do not abuse the liberty which they claim. More trying is their fondness for trotting or ambling down the steepest descents on which they can at all preserve their footing. They show considerable impatience when restrained from doing so and have expressive ways of their own of saying to their rider, 'Why don't you trust me and let me go down at my own pace? I will take you quite safely.'

6 Thus ambling down a precipitous mountain-side is particularly unpleasant when the path is a crooked one, with many and sharp turnings, because when the pony rushes down at a turning, it seems as if its impetus must carry it on and over, but at the last moment it manages to

Lesson XXVIII.

THE TWO FRIENDS OF SYRACUSE.

380 B.C.

1. Most of the best and noblest of the Greeks held what was called the Pythagorean philosophy. Pythagoras lived before the time of history, and almost nothing is known about him, though his teaching and his name were never lost.

2 The Pythagoreans were bound together in a brotherhood, the members of which had rules that are now not understood, but which linked them so as to form a sort of club, with common religious observances and pursuits of science, especially mathematics and music. And they were taught to restrain their passions, especially that of anger, and to endure with patience all kinds of suffering, believing that such self-restraint brought them nearer to the gods, and that death would set them free from the prison of the body. The souls of evildoers would, they thought, pass into the lower and more degraded animals, while those of good men would be gradually purified, and rise to a higher existence.

3. Two friends of this Pythagorean sect lived at Syracuse, in the end of the fourth century before the Christian era. Syracuse was a great Greek city, built in Sicily, and full of all kinds of Greek art and

twist itself round, so that it can proceed in another direction; and I think these intelligent little creatures take a pride in making as narrow a shave of the precipice as possible, and in making their riders feel as uncomfortable as they can. They are also great in wriggling you round delicate points of rock, where the loss of half-an-inch would send both horse and rider into the abyss. They do positively enjoy these ticklish places; and the more ticklish the place, and the deeper the precipice below, the more do they enjoy it, and the more preternaturally sagacious do they become. They snuff at such a place with delight; get their head and neck round the turning, experiment carefully to feel that the pressure of your knee against the rock will not throw the whole concern off its balance, and then they wiggle their bodies round triumphantly.

ANDREW WILSON.

Pronounce and spell—

glac'ier	ex-as-per-a-tion	ex-er-tion
ac-quaint'-ance	as-toun'd-ing	mar'-vel-lous
gran'-ite	a-chie've-ments	stren'-u-ous
cre-vas'-ses	cred'-ible	pre-ter-nat'-ur-al

LESSON XXVIII.

THE TWO FRIENDS OF SYRACUSE.

186 B.C.

1. Most of the best and noblest of the Greeks held what was called the Pythagorean philosophy. Pythagoras lived before the time of history, and almost nothing is known about him though his teaching and his name were never lost.

2. The Pythagoreans were bound together in a brotherhood, the members of which had rules that are now not understood, but which linked them so as to form a sort of club, with common religious observances and pursuits of science, especially mathematics and music. And they were taught to restrain their passions, especially that of anger, and to endure with patience all kinds of suffering, believing that such self-restraint brought them nearer to the gods, and that death would set them free from the prison of the body. The souls of evildoers would, they thought, pass into the lower and more degraded animals, while those of good men would be gradually purified, and rise to a higher existence.

3. Two friends of this Pythagorean sect lived at Syracuse, in the end of the fourth century before the Christian era. Syracuse was a great Greek city, built in Sicily, and full of all kinds of Greek art and

learning; but it was a place of danger in their time for it had fallen under the tyranny of a man of strange and capricious temper, though of great abilities, namely Dionysius. He is said to have been originally only a clerk in a public office, but his talents raised him to continually higher situations, and at length, in a great war with the Carthaginians, who had many settlements in Sicily, he became general of the army, and then found it easy to establish his power over the city.

4. This power was not according to the laws, for Syracuse, like most other cities, ought to have been governed by a council of magistrates; but Dionysius was an exceedingly able man, and made the city much more rich and powerful; he defeated the Carthaginians, and rendered Syracuse by far the chief city in the island, and he contrived to make every one so much afraid of him that no one durst attempt to overthrow his power. He was a good scholar, and very fond of philosophy and poetry, and he delighted to have learned men around him, and he had naturally a generous spirit; but the sense that he was in a position that did not belong to him, and that every one hated him for assuming it, made him very harsh and suspicious.

5. It is of him that the story is told, that he had a chamber hollowed in the rock near his state prison, and constructed with galleries to conduct sounds like an ear, so that he might overhear the conversation of his captives; and of him, too, is told that famous anecdote which has become a proverb, that on hearing a friend, named *Damocles*, express a wish to be in his situation for a single day, he took him at his word,

and Damocles found himself at a banquet with everything that could delight his senses, delicious food, costly wine, flowers, perfumes, music; but under a sword with the point almost touching his head, and hanging by a single horsehair! This was to show the condition in which a usurper lived!

6. Thus Dionysius was in constant dread. He had a wide trench round his bedroom, with a drawbridge that he drew up and put down with his own hands, and he put one barber to death for boasting that he held a razor to the tyrant's throat every morning. After this he made his young daughters shave him; but by and by he would not trust them with a razor, and caused them to shave off his beard with hot nutshells! One philosopher, named Philoxenus, he sent to prison for finding fault with his poetry, but he afterwards composed another piece, which he thought so superior, that he could not be content without sending for this adverse critic to hear it. When he had finished reading it, he looked to Philoxenus for a compliment, but the philosopher only turned round to the guards, and said dryly, "Carry me back to prison." This time Dionysius had the sense to laugh, and forgive his honesty.

7. All these stories may not be true, but that they should have been current in the ancient world shows what was the character of the man of whom they were told, how stern and terrible was his anger, and how easily it was incurred. Among those who came under it was a Pythagorean called Pythias, who was sentenced to death, according to the usual fate of those who fell under his suspicion.

Damon's life, when Pythias duly presented himself, embraced his friend, and stood forward himself to receive his sentence, calm, resolute, and rejoiced that he had come in time.

11. Even the duo hope they owned of a future state



THE TWO FRIENDS

was enough to make these two brave men keep their word, and confront death for one another without quailing. Dionysius looked on, more struck than ever. He felt that neither of such men must die. He reversed the sentence of Pythias, and calling the two to his judgment-seat, he entreated them to admit him

their means, but as the poor man seemed much tired, they offered him a seat and some refreshment. "It is a weary length of way I have come," said the old man, "and where can I get a night's lodging?"—"I wish I had one to give you," replied Hopkins, "but we are overcrowded with a family already, however, there's a



HOPKINS

little outhouse behind, where I could make you up a bed of clean straw, with a warm coverlet, if that would serve your turn!"—"Ay, and a blessing to you for it," replied the pedlar, "and if it will please these young ones, I can tell them a story in return, to while away the evening."

Upon this all the children crowded round him,

crying out, "A story! a story!"—"I hope it will be a wonderful one," said Tom, "about giants and fairies, and such like."—"Pooh, pooh, nonsense!" cried Jenny, "I like a true story better by half."—"True or false," said Hopkins, "I care not, so long as there is some sense in it, that one may learn somewhat by it."



THE FIDELAR.

—"Oh pray," cried little Petsy, "tell us a pretty story like those in my book of fables, but none of the moral at the end, if you please, that is always so stupid."
3. "I fear I shall have a hard matter to satisfy all," said the old man, "one wishes the marvellous truth, and another sense, and this little one," patting her head, "likes a fable. Well," said

he, "I will do my best to suit your tastes." So, after clearing his throat, he began thus—

4 "A long while ago, when the times were no better than they are now (and perhaps worse, for aught I know), a poor labouring man, encumbered with a large family of young children, resolved to go and seek his fortune beyond seas. Several of his neighbours, who felt the same distress, had joined together to sell what little they had, in order to fit themselves out and pay their passage to one of the foreign colonies, where they were told they might have farms of their own for just a mere nothing; and our good man Johnson thought he could not do better than take his wife and family thither. So off they all set for Liverpool, where they embarked for—, I cannot recollect the name of the place, but it matters not, for the poor folks never reached it!

5 "When they had been at sea some weeks, far away from land, and nothing but wide waters all around them, there arose a great storm, which drove the ship out beyond all reckoning; and the sailors, do what they would, could never manage her; so she drifted before the wind for several days and nights, and at last struck upon a rocky shore, and was wrecked. The poor folks had much ado to save their lives, they did so, however; and were somewhat comforted when they saw that the land to which they had escaped was a pleasant, fruitful country.

6. They found no inhabitants. So much the better, thought they; we shall have it all to ourselves; and we may live as happily here as we could do in the colony, if we can but get our farming

and a few others. At first they were all very much surprised at the appearance of the children, but as they were told that they were not to be afraid, they soon became more at ease. They then went to the garden and found a number of fruits, the names of which they did not know. They had corn and potatoes in a fine crop enough for them all, but the difficulty was to take it into the house for bread. They had no other means than by bruising it between two stones, for it could hardly be carried grated; and had a large family to feed, found it a hard matter to make all ends meet.

"Well, but there's nothing wonderful in this story," said Tom. "I hope you will come to a ghost, or a giant, or a fairy soon."

"All in good time, my lad," replied the pedlar; "youth must have patience with old age; we cannot scamper on so fast as you do; but it's coming." Upon hearing this the children all crowded still closer around him.—"Well, one day as Jolson was taking a stroll over the new country, and thinking how he wished his boys were big enough to assist him in his work (for he

felt wellnigh worn out himself), he came to a valley where he had never been before; a river wound through it, overshadowed with trees; and it was so beautiful, that he could not find it in his heart to turn back, so he went on and on, till at last he came within sight of an object that made him start back and shudder."

10. "Oh, here it's coming!" cried Tom, clapping his hands. "what was it? it could not be a fairy, for that would never have frightened him"—

11. "It was as little like a fairy," said the pedlar, "as anything well could be. It was an enormous giant, stretched at his whole length upon the ground. Johnson would have fled, but the giant's eyes were shut, so that he appeared to be asleep, and he looked so harmless and good-humoured, that Johnson stood gazing on him till his fear was nearly over. He was clad in a robe of dazzling brightness where the sun shone upon it, but the greater part was shaded by the trees, and it reflected all their different colours, which made it look like a green changing silk. As Johnson stood, lost in amazement, the giant opened his eyes, and turned towards him with a good-humoured smile."

Pronounce and spell-

gan'-tal-ing	hal-k'ood	child'-ren
fair'-ies	ve'-get-ables	mar'-vel-lous
em-bar'ked	brus'-ing	dis-tre'ss
scam'-per	val'-ley	pleas'-ant
fright'-ened	e-nor'm-ous	trad'-ging
pos'-sible	a-ma'ze-ment	pa'-tience
mor'-al	pur'-chas-es	hu'-moured
en-cum'-bered		

PART II

1. "Then he was not a wicked giant?" said Peter.
 "No," said the old man. "Still, when I saw him that he was awake and stretching himself as if he was going to rise he took to his heels, for the giant remained quietly stretched on the grass, and called after him in a tone of voice so gentle, that John was tempted to stop. 'For me not, good man, because I am strong as I powerful. I am not cruel, and will do you no harm.' John hesitated, but the giant looked so kind-hearted that he felt inclined to trust to his words and step by step, he approached. 'Why should you fear me because of my size?' said the giant; 'you are not afraid of your ball, which is bigger than I am.'

2. "Ay, but you are alive," replied John, "and I have read of giants being very wicked. It is true I never saw one before. Indeed, till now, I thought they were only idle stories made to amuse children."—
 "The wicked giants you have read of are so," replied he; "but there are real giants in nature who, far from being inclined to evil, are willing to do all the good to mankind that lies in their power, and I am one of these."

3. "'Then a deal of good you can do,' replied John; 'for you must be as strong as Samson.' He then began to cast over in his mind what good the giant might do him, seeing he was so ready; for, thought he, if he is willing to work, he can do more in

a day than I can in a month, so I'll e'en make bold to ask him the question 'I am ready to do any work you will set me; but I must tell you, that, not having



"I AM READY TO DO ANY WORK."

been in the habit of working in this desert island, I shall require some teaching in order to know how to set about it.

4. "If that is all," said Job, "I can teach you

any work you would like to do' But a difficulty occurred to him; he concluded that the giant would require to be paid in proportion to the work he did; and he asked, with some anxiety, what wages he would expect. 'Wages!' replied the giant, smiling. 'I cannot expect any; I do not even know what wages mean.' Jobson was ready to leap for joy at the idea of getting a labourer who could do the work of a hundred men without wages; and he was hurrying away to tell his wife the good news, when the giant said, 'If you will let me carry you home, it will save you the trouble of walking, and you will be there much sooner.'

5. 'Jobson rather hung back; yet, not liking to show any distrust of one who was willing to do him so much good, he consented. 'You may think it strange,' said the giant; 'but as I never carried any one before, you must show me how to do it.'—He seems rather stupid,' thought Jobson; 'however, it is well he takes so little upon himself, and is so ready to be taught.'—'Will you mount upon my back? or shall I carry you in my arms?' continued the giant. Jobson was very glad to have the option, for he had much rather mount him like a horse, than be carried in his arms like a baby.

6. 'Besides, if the truth must be told, he was still rather fearful of seeing the giant stand upright, and of being folded in his arms; having, therefore, first saddled him with some planks of wood, to make a comfortable seat, and having cut himself a long pole, which might serve to hasten his pace in case of need, he desired him

to take the road homewards. The giant obeyed; he neither walked nor trotted, but glided on so smoothly that, though he went at a pretty brisk pace, Johnson felt scarcely any motion. In a short time they reached the cottage.

7. 'But you may imagine the fright of Dame Johnson, and all her little crew, when they beheld him mounted on such an enormous animal, the children ran screaming away, as if they had seen a wild beast, and the poor woman wrung her hands in despair, and fell a-crying; then she threw herself at the feet of the giant, begging him to set her dear husband at liberty. 'He is quite free,' said the giant, 'I only brought him home to save him the fatigue of walking, and now, good woman, if there is anything I can do for you, you need but tell me, for I ask no better than to be busy.'

8. "The dame courtesied, and trembled, and wiped her eyes, and tried to smile; but she was so astounded with wonder at the sight of this monstrous giant, and so surprised at his good nature, that she began to doubt whether she was in her right senses. And when her husband talked to her, and told her all that had passed between them, and how much the giant had promised to do for them, she lifted up her hands and eyes, and said she would try to believe it, but she thought it was only too good to be true. In the meanwhile the children, who had scampered away, when they saw their father and mother in friendly talk with the giant, ventured gently to return. 'Look at his legs!' cried little Jack, 'I am sure I could not

he had made as good a bargain as he had supposed. 'We had best go and speak to the giant, wife,' said he; and accordingly they went to inquire what sort of fare he would want.

2 "Nothing more than a draught of fresh water," replied he. "Well, that is very moderate, indeed," exclaimed Jobson; "neither spirits, nor even malt liquor!"—"Ay, but for your eating, friend," quoth the wife, who began to tremble for her kitchen. "I never eat," returned the giant; "strong as I am, I require no food, so do not disturb yourselves about that, and as for house-room or bedding, I always lie on the grass when I am not employed." You would have thought that Jobson and his wife would have gone wild with joy, when they heard that their powerful labourer worked without board, food, or wages.

3 "Why, we shall no longer want for anything!" cried they, "provided he always keeps in this good temper, and ready to work."—"We must not overlook the mark," said his wife, "but do what we can to make things agreeable to him." So they went and told him they should not think of asking him to do what would fatigue him, and begged he would work only just when he liked. "That depends upon you, my good friends; I am ready to work whenever you have work to give me; as for fatigue, I do not know what it means."—"Indeed?" exclaimed Jobson and his wife. "More and more wonderful! So, then, you want no further rest than your night's sleep?"—"I never sleep," replied the giant; "and can as easily

work the four and twenty hours round- as I can a single minute.'

4. "Jolson was lost in astonishment, and overjoyed at his good luck. They now put their heads together to settle what work they should set the giant to do first. 'He shall begin by hatching the corn that I am so tired of working at!' cried Jolson, so he showed him how he used the stones for that purpose. But this proved mere child's play to the giant; and Jolson thought, if he could but get two large flat stones, such as were used in a mill, the giant would be able to get through much more work. But then the quarry was a long way off, and when they were out how could they ever be got home? 'They will be no burden to me to carry,' said the giant; 'let us go!'"

A Jolson only started to fetch his tools, which he placed in a sort of large shallow box upon the giant's shoulders. This served him also for a seat; and carrying the long staff in his hand, away they went to the quarry, where they soon cut the stones, which were placed in the box on the giant's back, and brought home. When the stones were properly arranged, the giant went to work as steadily as if he had done nothing else all his life. At nightfall the happy couple begged him to leave off and take some rest; but they could not persuade him to do so. They went to bed themselves; but not without first returning to God in their prayers for having sent it a blessing as a labourer who worked night without wanting either food or

lodging."—"And pray, what was the name of this wonderful giant?" said Tom, interrupting the pedlar.

G. "*Aquafuens*,"¹ replied he.

"Oh, what a long, hard name!" exclaimed little Betsy. "I never heard such a name before."—"Giants have not the same sort of names as we men have," replied the pedlar, "but I assure you it is a very significant one. However, now let me go on with my story

Pronounce and spell—

me'an-tune	ex-claim'ed	bar'-gan
cul'-la-gea	quar'-ry	us ton'-ish-ment
a-gree'-a-ble	in-ter rupt'-ing	bar'-den
per-mitt'ib	plant'-ed-tion	ste'ad-ily
la'-con	ac-cord'-ing-ly	sig-nif'-i-cant

PART IV.

1. "The children were awakened in the night by the noise of the giant grinding the corn, and, frightened at the unusual sound, they called to their mother, who told them what it was. And when she saw her husband quietly sleeping by her side, and thought what a world of labour he was spared, she ejaculated a blessing on their new friend before she again fell asleep. The next morning *Aquafuens*, having ground all the corn, asked for more work, and whilst Johnson was thinking what he could set him to, he began to wash the house, and carried away all the dirt and filth in a trice.

¹ *Aquafuens* is Latin for flowing water

the men, who had been hired a carpenter, undertook to arrange the saws in a kind of framework, others dug out a large sawpit. This took some time, but when it was accomplished, and the giant fairly set to work, the whole tree was cut into neat planks in the course of an hour.

Pronounce and spell—

e-jic'-n-la-ten	saw'-yer	pro-di'-gi-ous-ly
atip'-u-la-ted	la bor'-i-ous	car'-pent-er
break'-fast	ap'-pet-ites	

PART V.

1. "After Jobson had paid for the use of the saws, there remained planks enough not only to floor his cottage, but to make a door, a set of shelves, and a good-sized table. The carpenter offered to make these things for Jobson, on condition that he would allow Aquafuens to grind his corn. This was a bargain advantageous to both parties, and, therefore, soon agreed upon; and when the rest of the colony saw how comfortable and tidy Jobson's cottage was become, they set to felling trees in the forest for the same purpose.

2. "Then it was necessary to pay Jobson for Aquafuens's labour to bring them home and saw them into planks, for it was not to be expected that Jobson should part with the services of such a workman without compensation. Each brought him what he could best spare, or what he thought Jobson most wanted.

One came laden with a basket of fish, being part of a draught he had just caught; another brought half a young kid he had lately shot; another, some wild ducks he had snared; and so they went on, till Jobson's cottage was so well stored that it might have been taken for the larder of some great inn.

3. "One man brought Jobson a purse of money, and offered to pay him in cash for the use of the giant's labour. 'Why, my good fellow, what should I do with your money?' It would be of no use to me here; and a guinea would not be half so valuable as these good things which your neighbours have brought me; however, as I have more food than we shall be able to consume for many a day, I will take your money for once; mayhap, some day or other, it may turn to some use'

4 "Last of all came a poor widow, who had lost her husband since they were wrecked; she wished much for a floor of planks to keep her children dry and clean; but she had nothing to offer in exchange for the giant's labour but a basket of potatoes from her little garden. 'I shall not take your potatoes, Martha'" cried Jobson, "so carry them back again."

5. "'Alas!' said the poor widow, 'I have nothing else to offer; you know how destitute I am. Jackson has kindly promised to cut me down a tree, if I can obtain the giant's services to bring it home and saw it into planks, and I dare say the carpenter would lend me a hand, some leisure day, to lay down the floor'

6. "'And do you think I am the only one who will not give a turn to a poor neighbour without reward?'

mattered Jobson half ankily. 'Go your ways, my good woman, bid Jackson cut down your tree; and as soon as that is done, Aquasfluens shall take it in hand' The poor woman thanked him with tears in her eyes; and away she trudged with her load of potatoes, which, to her, felt lighter than if she had carried back the basket empty, so pleased was she to have them to dress for her children's dinner.

Pronounce and spell—

ad-van-ta'ge-ous	com-pen-sa'-tion	may'-hap
lan'-er	val'-u-able	des'-ti-tute
con-su'me	po-ta'-toes	ob-ta'm

PART VI.

1. "There were two men still loitering about the door of Jobson's cottage, who would gladly have got the use of the giant's services; but, having always been idle fellows, who had done no more than scrape together the bare necessities of life, they had not a single thing to offer in return.

2. "'If so, you had as well be gone,' said Jobson; 'the giant does not work to encourage idleness, I promise you.'—'What can we do?' replied one of them; 'if we have got nothing, we can give nothing.'—'You have, both of you, got a good pair of arms; and if you had made a right use of them, you would not have come empty-handed now.' Jobson's wife, knowing they had each of them a wife and children, could not but have a fellow-feeling towards them

This led his neighbours, when they had a leisure day, to stroll about the unknown parts of the country, in hopes of meeting with some other giant, whom they might engage in their service. Many were the inquiries made of Aquafuens whether there were any other giants in the island. 'I have a brother,' replied he, 'but we seldom meet, I love to repose in the valleys, and he, for the most part, frequents the hills'—'And can he do as much work as you do?'—'Yes,' replied Aquafuens, 'when he is in the humour; but he is more variable in his temper, and now and then is overboisterous. He sometimes disturbs the natural calmness of my temper, and works me up into a rage.'

6 "The search of the colonists was long fruitless; at length, one day, Jackson, climbing a high rock in pursuit of a wild goat, saw a magnificent figure seated upon the summit. He could scarcely distinguish the shape, for his eyes were dazzled by its brightness, but what struck him most were two enormous wings, as large as the sails of a ship, but thin and transparent as the wings of a gnat. Jackson doubted not but that this was the brother of Aquafuens. Alarmed at the account he had heard of the uncertainty of his temper, he hesitated whether to approach, the hope of gain, however, tempted him, and as he drew nearer, he observed that he also had a smiling countenance, so, mustering up courage, he ventured to accost him, and inquire whether he was the person they had so long been in search of, and whether he would engage in his service.

7 "My name is Ventosus," cried the winged

* *Ventus* is the Latin for winds, and here means the wind.



giant, 'and I am ready to work for you, if you will let me have my own way. I am not of the low grovelling disposition of my brother, who plods on with the same uniform pace. I cannot help sometimes laughing at his slow motion; and I amuse myself with ruffling his placid temper, in order to make him jog on a little faster. I frequently lend him a helping hand when he is laden with a heavy burden. I perch upon his bosom, and stretching out my wings, I move with such rapidity as almost to lift him from the ground.'

8. "Jackson was astonished to hear Aquaflorens accused of sluggishness; he told Ventosus what a prodigious quantity of work he had done for the colony. 'He is a snail compared to me, for all that,' called out Ventosus, who had sometimes a very loud voice, and to show his rapidity, he spread his wings, and was out of sight in a moment. Jackson was sadly frightened lest he should be gone for ever; but he soon returned, and consented to accompany Jackson home, on condition that he would settle him in an elevated spot of ground. 'My house is built on the brow of a hill,' said Jackson, 'and I shall place yours on the summit.'

Pronounce and spell—

in'-ter-ing	ne'-ces-sa-ries	des-patch'ed
snail'-slow	res'-son	var'-i-a-ble
boys'-ter-ons	in-quir'-ies	coun'-ten-ance
trans-mi'-rent	mag-nif'-i-cent	ple'-ant
pro'-vi-el-hug	slug'-gish-ness	ac-com'-pany
ex-qu'i'ti-ty	en-cour'-age	

almost as quickly as a bird flies. When they arrived, and the wool had been unloaded. 'Now, brother,' said Aquasfluent, 'you may help me back again.'—'Not I,' replied Ventosus, 'I am going on, straight forward; if you choose to go along with me, well and good, if not, you may make your way home as you please.'

4. "Aquasfluent thought this very unkind, and he began to argue with his brother, but this only led to a dispute. Aquasfluent's temper was at length ruffled, Ventosus flew into a passion; he struggled with his brother, and roared louder than any wild beast. Aquasfluent then lost all self-command, and actually foamed with rage. The poor child stood trembling with fear at a distance; he hardly knew the face of his old friend, so much was his countenance distorted by wrath, he looked as if he could almost have swallowed him up. At length Ventosus disengaged himself from his brother, and flew out of his sight, but his sighs and moans were still heard afar off.

5. "Aquasfluent also murmured loudly at the ill-treatment he had received, but he composed himself by degrees, and taking the boy on his back, slowly returned home. Jackson inquired eagerly after Ventosus; and when the child told him all that had happened, he was much alarmed for fear Ventosus should never return; and he was the more disappointed, as he had prepared everything for him to go to work.

6. "Ventosus, however, came back in the night; and when Jackson went to set him to work in the morning, he found that nearly half the corn was

already ground. This was a wonderful performance; yet, upon the whole, Ventosus did not prove of such use to the colony as his brother. He would carry with astonishing quickness; but then, he would always carry his own way; so that it was necessary to know what direction he intended to take, before you could confide any goods to his charge; and then, when you thought them sure to arrive on account of the rapidity with which they were conveyed, Ventosus would sometimes suddenly change his mind, and veer about with the fickleness of a weathercock, so that the goods, instead of reaching their place of destination, were carried to some other place, or brought back to the spot whence they set out. This inconvenience could not happen with regard to grinding corn; but one, of no less importance, often did occur:—Ventosus, when not inclined to work, disappeared, and was nowhere to be found.

Pronounce and spell—

tract'-a-ble	ad-mir-a'-tion	im-me'-di-ate-ly
pro-pri'-e-tor	pig'-mies	dis-par'-te
treat'-ment	dis-ap-point'-ed	dis-tort'-ed
con-vey'-ed	wea'-ther-cock	per-form'-ance
con-fine'-ment	in-con-ve'-n-i-ence	des-tin-a'-tion
in-de-pen'-d-ent		

PART VIII.

I. "The benefit derived from the labour of these two giants had so much improved the state of the colony,

that, not only were the cottages well floored, and had good doors and window-shutters, but there was abundance of comfortable furniture—bedsteads, tables, chairs, chests, and cupboards, as many as could be wished, and the men and women, now that they were relieved from the most laborious work, could employ themselves in making a number of things which before they had not time for. It was no wonder, therefore, that the desire to discover more giants was uppermost in men's minds.

2. "In reply to their numerous inquiries, Aquafacius one day said, with a sigh 'I know but of one more of our species to be met with in this island, and that is a truant son of my own. It is many years since he left me; and from that day to this I have never beheld him. His mother was of the tribe of Salamanders, and he always took to her relations more kindly than to mine; and one sultry day, as he was basking in the sunbeams, he rose up of a sudden and disappeared from my sight'—'Then there is little chance that any of us should find him'" cried the colonists; 'he has probably left the island.'

3. "Watson, one of the most enterprising among them, was not wholly discouraged by this account, he returned alone to talk to Aquafacius about his runaway son, and learned that there was reason to believe he had not wholly abandoned the island, as he was known to amuse himself occasionally with bathing in a hot spring which flowed from a rock in a distant valley, where none of the inhabitants had ever been. 'The fact is,' said his father, 'he takes so much after

his mother, that he cannot live but in a very high temperature. These waters are boiling hot, but this only increases his vigour'

4. 'Watson inquired if he was a powerful workman. I can only speak by report,' replied the father, 'and from that I should judge that he can do more than I and Ventosus together, the difficulty, however, is to catch him and confine him for he is just the reverse of Ventosus, he will only work when imprisoned, then he differs from both of us by being a great feeder.' 'Oh' exclaimed Watson, 'if so he loses one of his principal merits, for, if he is not at the size of either of you it will be difficult to satisfy his appetite and it may cost me as much to procure him food as I should gain by his labour.'

5. 'Never fear returned the giant, the food he takes is only of wood which he devours burning hot, and the more you give him the better he will work, provided as I said before he is imprisoned.' But what can we meet with a person big enough to embrace a giant? 'Why as regard to his size, replied Aquademon, though he sometimes reaches up to the sky, he is at others compressed into a very small coil just as the number the square in which you could hold the stick he will work. Supply him with food and a prisoner he will be imprisoned said Watson. 'Yes, said Aquademon, he works only while a prisoner, but he is as fond of his liberty as the wind.'

6. 'What said Watson, if you will I'll try to get him, but I'll be bound to be paid for him.

Accordingly, the next morning they set out together, Watson having purchased the services of Aquafuens by a fine ham which he took to Jobson. As they were on the road, Watson quietly seated on the back of the giant, he inquired of him by what means he thought they could confine his son, if they should be so fortunate as to meet with him?

7. "I have brought a vessel for that purpose," said the giant, and showed him a bottle, upon which Watson fell a-laughing, and declared that he believed Aquafuens was making game of him. In a short time they arrived at the hot spring. As they drew near they observed a great body of vapour rising from the pool. 'Look, look!' cried Aquafuens, 'there he is!' Watson looked with great eagerness; he saw nothing but a cloud of steam. In a few moments, however, this cloud took the form of an enormous giant, whose head reached almost to the clouds, the figure, as it continued slowly rising, became more and more distinct, till at length it wholly disappeared. 'There he was indeed!' exclaimed Watson, 'but he is gone, perhaps fled for ever!'—'No, no!' replied Aquafuens, 'since we know the spot he haunts, we may be more fortunate another time.'

8. "Another time they came, but no giant was to be seen. 'So much the better,' said Aquafuens; 'we must prepare to catch him when he rises,' so he drew out his bottle, which he held with the mouth downwards over the pool, and he gave the cork to Watson, charging him to thrust it into the bottle as soon as he saw it filled with vapour. Watson

had much to do to refrain from laughing at the idea of squeezing a giant into a bottle; however, he was too intent on an object of such importance to venture to give way to his mirth.

9. "In a short time the vapour began to arise; Aquasluens held the bottle inverted over it where it appeared thickest; it was soon filled, and well corked; but Watson could not be persuaded that they really were in possession of the long-sought treasure. 'Well, if he is within the bottle,' said he, 'he submits to his confinement with a very good grace; 'he is as quiet as a lamb.'—'Never trust to that,' replied Aquasluens; 'he is cool now, but you will see the difference by and by.' When they got home, Aquasluens told him to place him in the chimney-corner as near the fire as possible. 'Heat is his element,' said he, 'and unless you contrive to keep him scalding hot, you will do nothing with him.'

10 "Watson, in order to give his new host complete satisfaction, placed him in a pot of boiling water over the fire, when, to his utter consternation, the cork flew out, and he saw the figure of the giant, of a diminished size, come out of the bottle, and, increasing in dimensions as it arose, make its escape through the chimney. Watson, quite discomfited, went to relate the disaster to Aquasluens.

11. "'What a trick the lad has played you!' said he; 'but we will catch him again, depend upon it.'—'What's the use of catching if we can't keep him?' retorted Watson. 'I advise you,' said Aquas-

fluent, 'to see if amongst the things saved from the wreck there is not an iron or a copper vessel which would be strong enough to hold him, when he is alive and active, and fit for work.'



VAPORIZER

12. "Watson inquired throughout the colony, and at last found a man who had a brass vessel of a cylindrical form, which Watson purchased with a pair of old shoes. 'I defy him to burst this,' cried Watson; 'it is so thick and strong.'—'I have known him crack stouter vessels,' replied the giant,

'when he is much heated by passion;' but, on examining it, he said he thought it would serve their purpose; for he observed that there was a small opening closed with a little door. 'He will make nothing of lifting this door,' cried he, 'when he is violent; but it is too small for him to escape by. However, it will serve him to vent his wrath, and keep him more temperate.' The next day off they posted; succeeded in enclosing Vaporifer¹ (for that was his name), as he arose from the boiling pool, and carried him home in triumph.

Pronounce and spell—

fur'-ni-ture	re-ver'se	en'-ter-pris-ing
prin'-cip-al	di-men'-sions	im-pris'-oned
re-frain'	cy-lin'-dric-al	iden'-sure
bed'-steads	cup'-boards	in-dis-ti'net
tru'-ant	(cubboards)	vi'-o-lent
oc-ca'-sion-al-ly		

PART IX.

1. "When Vaporifer was fairly captured, he was ready to come to terms with his master, and offered to do almost any sort of work he chose to set him to. 'But,' said he, 'it would be beneath my talents to grind corn or to saw planks. I can work a manufactory of cotton or woollen goods, or raise coals or water from a mine.'

¹ *Vaporifer* is the Latin for *bearer of vapour*, and here means *steam*.

2 " 'As for coals,' said Watson, 'we have such abundance of wood that we need give ourselves no trouble to get coals; and in regard to mining of any sort, that is quite beyond our reach. But if it were possible to manufacture the cotton that grows in such quantity in this country, it would be a great blessing, for we are all short of shirts, and our women and children are half naked. So I must consult with the rest of them, and see if it would be possible to build some mills to spin the cotton and weave it.'

3 "This was so desirable, that every one was ready to give his assistance. The carpenter, the smith, and the wheelwright were of essential service; and after much toil and trouble, the mill was erected. A manufacturer from Manchester would have laughed at it; but it proved a most valuable treasure to the little colony, which, by the bye," continued the pedlar, "I ought to have told you, had increased considerably in population, as well as in wealth."—"Wealth?" interrupted Tom, "I thought you said they made no use of money, and did not care about it."—"True," replied the pedlar, "the wealth I speak of was the corn, and cattle, and vegetables, and furniture, and better houses, and boats with which they caught plenty of fish, and other things without number."

4 "After a few years had passed over their heads, no one would have known the colony again, so much was it increased and improved,—thanks to Aquasolens, Ventosus, and, above all, to Vaporifer. Not that the people were idle, they had enough to do to prepare work for the giants and finish

'when he is much heated by passion;' but, on examining it, he said he thought it would serve their purpose, for he observed that there was a small opening closed with a little door. 'He will make nothing of lifting this door,' cried he, 'when he is violent, but it is too small for him to escape by. However, it will serve him to vent his wrath, and keep him more temperate. The next day off they posted, successful in enclosing Vapourer' (for that was his name), as he arose from the boiling pool, and carried him home in triumph.

Pronounce and spell—

fur' ni- ture	re- ver- se	en- ter- pre- sing
prin' ci- pal	di- men' sions	im- pre- cious
re- frain'	ex- ha' uis- ed	phon' em
best' st- o- le	cup' boards	in- du- stri- ous
tru' ant	cul- de- sac	vi- cious
in- co' n- sider- ab- ly		

Part IX

1 When Vapourer was fairly captured, he was taken to connect it to me with his master, and offered to be at my service out of work he chose to set him to. 'But it would be beneath my talents to give me a place. I can work a number of wooden posts or iron nails or what

the master of request and have means to

Aqualluens — 'Nay,' said Ventosus, 'you may support it, but a pretty snail's pace it will move at unless I perch upon the deck and stretch out my wings, and then it will fly upon the surface of the waters —' Ay, but it must fly the way you happen to go' cried Vaporifer, 'whilst I can take it in any direction, ay, even against the combined efforts of you both.'

10 'Aqualluens was obliged to give up the point, for though he could have carried a vessel as far as the mouth of a river, he had no power to walk on the sea. The other two determined to divide the charge amicably between them. When Ventosus was in a humour to conduct the vessel towards the place of its destination, he was to be captain, but if he grew refractory the command was to be taken by Vaporifer. The colony had now an opportunity of either returning to England, or seeking the spot where it had at first been their intention to settle, but, during the course of twenty years that they had been established in this desert island, they had improved it so much, and become so attached to it, that they had not the least desire to leave it.

11. " Besides, those who were young when they were wrecked were now growing old; but those who had been in England, or had arrived there at a young age, were now in the prime of life. They had seen the good price of the commodities

and little Jew, who were beginning to yawn, agreed to this; but the other children all begged leave to stay and hear the explanation

2 "Well, then," cried the old man, "nature has in reality given these gigantic powers to assist the labours of men" The children looked around in astonishment, as if doubting whether they should not behold one of the giants "Tell me," continued he, addressing Hopkins, "who is it turns the mill that saws the wood yonder?"—"No one," cried Hopkins, "it is turned by a stream of water"—"And does not that stream of water work, without requiring either food lodging, or wages?"—"That is true, indeed," replied Hopkins, scratching his head, as if to make the meaning enter into it the easier "It is strange, that never struck me before"—"Aquafluens," continued the pedlar, "means no other than a stream of running water."

3 "Oh, that is the reason," cried Jenny, "that he cleaned the house, and washed the children, and taught them to swim; but I do not understand how running water can fetch and carry cargoes of wood and other things, as Aquafluens"—"Why, in a boat," said Tom "No doubt, don't you remember they placed a large shallow box on his back, to hold things in; what was that but a boat?"—"Ay, true," replied Jenny, "and the long pole or staff to make the giant go on must have been an oar."—"Well, it must be confessed," said Hopkins, "there is as much truth as fiction in your tale"

4. "Then Ventosus——" continued the pedlar.

"Oh, stop," cried Tom, interrupting him, "let me try to guess what Ventosus means." After thinking a while, he exclaimed, "I do think Ventosus must be the wind; because when he quarrels with his brother, Aquafloens, he makes the waves rage, and swell, and foam. Oh, it is certainly the wind which turns the mill to grind the corn."

5. "True," said Hopkins thoughtfully; "the wind is another gigantic power in nature, for which we have never thought of being thankful. Well, my good friend," continued he, "your story has taught me that we possess blessings I little thought of, and I hope it will teach us to be grateful for them. But what is the third power which is more powerful than the other two?"

6. "It is one you know less of,—it is steam; which, confined in the cylinder of the steam-engine, sets all our manufactures in motion. As it rises from boiling water, I have called it the son of water and of fire or heat. It is now, you know, applied to vessels at sea, acting always steadily and regularly, whilst the wind is not under our command. But observe," said the pedlar, "though these powers do so much for men, they do not take the work out of their hands; on the contrary, when the mills or manufactures thrive, they give them more to do. It was the giant Vaporifer that introduced into this village the steam-engine, which gave so much work to all the neighbours; and if Ventosus did not depend upon it there would not be half so much work; no, nor near so many makers; for,

when men were obliged to harrow their corn themselves, it would take up the time which they can now give to sowing and reaping it."

7. "Nor would there be so many floored cottages, and doors, and window-shutters, and tables, and chairs," said Tom (proud to show that he had not forgotten the number of articles mentioned in the tale), "if Aquasitucus had not been such a capital sawyer of wood."

8. "Well, but," said Dame Hopkins, who hitherto had made no remark, for, being busied about her household affairs, she had not heard above half the story, "if these giants do but make men work the more, I can't see what good they do them."—"Why, wife," answered Hopkins, "we don't want to be idle; but we want to earn a comfortable livelihood by our work, and I see now, that, if it were not for the help of these powers which nature has given us (and we must have been as blind as buzzards not to have observed them before), our cottage might have been unfloored; we might have had neither bedstead to lie on, chair to sit on, nor table to eat off, and, what is worse still, a sad scarcity of bread to set on the table meals. We have now the produce of our own work, and of theirs also; and, as they do a hundred times more work than we can, why, we get a hundred times more food and clothing, and comforts of one kind or other."

9. "Ay," said Jenny, "where should we have got our cotton gowns and petticoats, or you your shirt, Tom, if Vaporifer had not set the cotton-mills a-going?"—

"Well," said Hopkins, sniffing up the air, "I smell the smell of supper. I see my good woman has been busy to some purpose. — 'Ay, and it's all the work of my own hands,' said she. 'none of your giants have had anything to do with it.' But the peellar, who stood up for the credit of his giants replied, 'By your leave, mistress, I think you are mistaken. These peellars could never have been so well loaded without the help of steam, nor would the iron, of which the peell is made, have been so easily got out of the mine, without the use of a steam-engine.' — 'I think that truest young giant is the greatest favourite of yours,' said Hopkins, "of the three." — 'Not when he was running wild about the country,' replied the peellar; "but after he was reclaimed, and took to working, he certainly did more than the other two." — 'And, mother, who ground the corn that made this bread?' cried Tom archly.

"O — And I doubt whether Ventosus had not some hand in bringing this sugar over the seas from foreign parts," said Hopkins. "Well, well, come in and eat," cried the good dame, a little angry that she did but half understand the meaning of the story, which seemed to be more attended to than her supper. So they all went in laughing and joking, and sat down to a comfortable meal; which, in spite of all the credit the good dame claimed for her cooking, they declared she could not have brought to table without the help of Aquashiens, Ventosus, and Vaporifer.

Mrs. MARRER.

Pronounce and spell—

re-men't-ber	con-fes'sed	scratch'-ing
thought'-ful-ly	gra'te-ful	in-tro-du'ced
reg'-u-lar-ly	cap'-i-tal	li've-li-hood
baz'-zar's	scar'-i-ty	crud'-it
fa'-vor-ite	re-claim'ed	sup'-per
ad-dres'-sing	ga-gant'-ic	

Lesson XXX.

LET NOT THE SUN GO DOWN UPON YOUR WRATH

- SEE, behind the crimson west,
Brightly sinks the sun to rest,
Gently close the drooping flowers,
Softly fall the vesp'ral hours,
Hushed is every woodland note,
Hush's loud hum, and lark's throat,
Silent is the liquid breeze,
Moonbeams kiss the rustling trees.
Ere the loving stars arise,
Ere soft slumber seals your eyes,
Children, bid contentions cease,
Let the sun go down in peace.
- Join not hymns of praise to learn,
While your hearts with anger burn.

Kneel not to your evening prayer,
 With resentment lurking *there*.
 God, who bids you dwell in love—
 God, who sees you from above—
 He is grieved your pride to see,
 Every time you disagree.

Ere the silver stars arise,
 Ere soft slumber seals your eyes
 Children, bid your quarrels cease,
 Let the sun go down in peace.

BREXARD BASTON

pronounce and spell—

crim'-son

in'-net

re-sent'-ment

yes'-per

con-ten'-tions

dis-a-gree'

Lesson XXXI.

ON THE CULTIVATION OF THE INTELLECTUAL POWERS

A DUTY peculiarly applicable to the season of youth,
 the diligent cultivation of the intellectual powers
 is the time, my young friends, for forming great
 mental habits, and acquiring those liberal and rational
 views, which will prove a source of the purest happiness
 the very close of existence. Now or never is the
 time for giving a bent to the character. As yet, you
 are not deeply involved in the perplexing cares of life:

as yet, you are not the slaves of any low and delaying habits: your mind and all their best powers are your own, your curiosity is awake; and your attention capable of being easily directed and fixed to any object—to any pursuit.

2 Yours are the light and cheerful spirits—the ever-active interest—the clear and unembarrassed memory, yours, the joyous hope and eager expectation, which at once dispose your minds to seek for knowledge, and qualify them for gaining it. For you, nature unlocks her stores, and art displays her thousand wonders, to you, are opened the wide fields of science; to you, is unrolled the ample page of history, and for your instruction and delight, is recorded all that the sage has thought, and the poet sung.

3. To aid your progress, and increase your knowledge, innumerable schemes are devised, and institutions reared, which invite you into the paths of wisdom, and lavish on you the opportunities of improvement. These are the prospects of your happy period. Let them not be offered you in vain. Let not “wisdom cry, and understanding put forth her voice, in the top of high places, by the way in the places of the paths,” while you turn a deaf ear to her counsels, and go aside into the ways of folly: but rather, in everything good and useful—in everything connected with the progress of truth and knowledge and virtue and vital religion—endeavour to prove yourselves worthy of the age in which you live, and of the country to which you belong.

1. Learn also to be modest in your demeanour in heart, and humble in your opinion of your self. There is no quality more engaging and attractive than modesty. What says the wisest of men? "Next thou a man woe in his own conceit? The more hope of a fool than of him." An individual's modest opinion of himself, is a tolerable accurate test of his real merit; and if this be true of men in general it is still more so of young people, who can have but little knowledge, and still less experience. Rashness, petulance, and self-conceit, will sometimes hurry even well-meaning young persons into mistakes, which they could not foresee—perhaps into crimes, which they would have blushed and trembled to think of beforehand.

5. Enter, then, the paths of life, cautiously and circumspectly, distrustful of yourselves, and willing to be advised and directed by those who are wiser and more experienced. Feel your own weakness and liability to err, and it will lead you to cultivate a devotional spirit; acknowledge your own ignorance and want of experience, and it will dispose you to lean upon your parents; confess the feebleness of your abilities, and the small extent of your knowledge, and it will stimulate you to improve your minds diligently, and may be a means of ultimately leading you to the highest attainments in knowledge and wisdom.

TAYLER.

Pronounce and spell—
ra'-tional

ac-ti-vate	in-pun-ish-able	fec-ile-ness
con-ti-nu-ly	lav-ish	op-er-ation
at-ti-ment	con-vel-	pre-lim-
in-volved	re-pu-son	dis-trust-ful
un-em-bar-rassed	de-vo-tion-al	ac-know-ledge

Lesson XXXII.

SECURITY

1. This inestimable good is the mark of civilisation; it is the work of the laws. Without law there is no security, no abundance, no certain subsistence; and the only equality in such a condition is an equality of misery. To estimate the benefit of the laws, it is only necessary to consider the condition of savages. They struggle against famine, which sometimes in a few days cuts off whole nations. Rivalry for the means of subsistence produces among them cruel wars; and, like ferocious beasts, men pursue men, that they may feed on one another. The gentlest sentiments of nature are destroyed by the fear of famine, old persons are put to death, because they can no longer follow their prey.

2. Examine what passes when civilised men return almost to the savage state. I refer to a time of war, when the laws are in part suspended. Every instant is fruitful in calamity; at every step which it imprisons

the globe, the mass of riches, the foundation of existence, decreases or disappears; the cottage and palace alike suffer from its ravages; and frequently anger or caprice of a moment consigns to destruction the slow productions of an age of labour. Law

has accomplished what all the natural feelings are unable to do, it alone has created a fixed possession which deserves the name of property; it alone accustoms us to the yoke of foresight. Economy has many enemies as there are men who would live without taking the trouble to produce. Labour is painful for indolence, too slow for impatience, and injustice conspires to carry off its fruits. Greed and audacity plot to seize them by open force. Society, always threatened, lives in the midst of alarm, requiring in the legislator vigilance and power in action. Moreover, since pain and pleasure are by anticipation, the expectation of security is not limited to the present time, or to the duration of his own life; it must be prolonged to him as the whole vista that his imagination can embrace. If he have proof that such an expectation will be realised, the fact entitles him to form a general plan of conduct, and to regard the moments that compose his present life not as isolated points, but as parts of an unbroken whole; it forms a chain passing from himself to the generations which are to follow, the utility of the individual being prolonged through all the links of the chain.

In creating property, the laws have created wealth, and at the same time that they are benefactors to those

who remain in their original poverty—the primitive condition of the human race. In civilised society the poorest participate more or less in its resources; hope mingles with their labours, they enjoy the pleasures of acquisition, their industry places them among the candidates for fortune. Those who look down from above at the inferior ranks see all objects less than they really are; but at the base of the pyramid the summit disappears in turn. The poor never dream of making these comparisons, or torment themselves with impossibilities, and, if all things be considered, it will be found that the protection of the laws contributes as much to the happiness of the cottage as to the security of the palace.

JEREMY BENTHAM.

Pronounce and spell—

in-es'-tim-a-ble	sub-sist'-ence	par-ti'-cip-ate
e-qual'-i-ty	ne'-ces-sar-y	fa'-mme
ri'-val-ry	ter-o'-cious	sent'-i-ments
rav'-a-ges	frut'-ful	ca-lam'-i-ty
na'-tur-al	found a'-tion	cap-ri'-ce
ac-cus'-tom	im-pa'-tience	e-con'-o-my
le'-gis-la-tor	au-da'-ci-ty	so-cr'-e-ty
re-al'-ised	vi'-gil-ance	ant-i-ci-pa'-tion
prim'-a-tive	im-a-gin-a'-tion	gen-er-a'-tions
ac-quis'-i-tion	i'-sol-a-ted	re-sour'-ces
pyr'-a-mids	ben-e-fac'-tors	con-si'-gn
ci-vil-is-a'-tion		

In the bright field of Fair Renown
The right of eminent domain '—

7 We have not wings—we cannot soar—
But we have feet to scale and climb
By slow degrees—by more and more—
The cloudy summits of our time.

8 The mighty pyramids of stone
That wedge-like cleave the desert air,
When nearer seen and better known,
Are but gigantic flights of stairs.

9. The distant mountains, that uprear
Their frowning foreheads to the skies,
Are crossed by pathways, that appear
As we to higher levels rise.

10 The heights by great men reached and kept,
Were not attained by sudden flight;
But they, while their companions slept,
Were toiling upward in the night.

11. Standing on what too long we bore
With shoulders bent and downcast eyes,
We may discern, unseen before,
A path to higher destinies.

12. Nor deem the irrevocable Past
As wholly wasted, wholly vain,
If rising on its wrecks, at last,
To something nobler we attain.

be your pursuit, whatever the profession you choose, the avenues to honourable fame are widely open to you. The great ocean of truth lies expanded before you. "I do not know," said Newton, at the close of his illustrious career; "I do not know what I may appear to the world, but to myself I seem only like a boy playing on the seashore, finding sometimes a brighter pebble or a smoother shell than ordinary, while the great ocean of truth lies all undiscovered before me." Each advance in knowledge has served to extend it on every side; it has served, like the telescope, to make us familiar with objects before but imperfectly comprehended, it has shown us the comparative nothingness of human knowledge.

I have said that the field for exertion is boundless; I have said that the avenues to distinction are free; and that it is within your power to command an entrance to them. I am the son of a man who founded his own fortune, by dint of honest and laborious exertion in those very pursuits of active industry which are still elevating so many to affluence and to honourable station; yet by the favour and confidence of my sovereign, I have been called to the highest trust which a subject can execute, that of administering the government of this great country. I repeat, there is a presumption amounting almost to certainty, that if any one of you will determine to be eminent, in whatever profession you may choose, and will act with unvarying steadiness in pursuance of that determination, you will, if health and strength be given you, infallibly succeed

6 Practise the economy of time; consider time, like the faculties of your mind, a precious estate—that every moment of it, well applied, is put out to an exorbitant interest. I do not say, devote yourselves to unremitting labour, and forego all amusement, but I do say, that the zest of amusement itself, as the result of successful application, depends in a great measure upon the economy of time. If you will consider our faculties as the gift of nature, by far the first in value—if you will be persuaded, as you ought to be, that they are capable of constant, progressive, and, therefore, almost indefinite improvement—that by arts similar to those by which magic feats of dexterity and bodily strength are performed, a capacity for the nobler feats of the mind may be acquired—the first, the especial object of your youth, will be to establish that control over your own minds, and your own habits, which shall ensure the proper cultivation of this precious inheritance.

From an Address to Glasgow Students—SIR ROBERT PHEL

Pronounce and spell—

au-thor'-i-ty	guard-i-an	dif-fer-en-ces
e'-ar-nest-ness	a-mu'se-ment	ma-chi'-nery
de-pend'-ent	dex-ter'-i-ty	le'-gas la tor
a'-ven-ues	cap-it'-ces	e'-cor'-a my
pur-suit'	ho'-nour-a-ble	in-def-i-nite
ex'-e-cute	ad-van'ce	cap-a'-ci-ty
pre-sump'-tion	af-flu-ence	huf'-fled
prac'-ti-cal	cer'-tain-ty	pre'-cept
con-di'-tion	vi'-gil-ance	c'-nim-ence

4. Yes, if even what is called genius shall have been denied to you you have faculties of the mind, which may be improved by constant exercise and vigilance, that they shall supply the place of genius, and open to you brighter prospects of ultimate success than genius, unaided by discipline, can hope to attain. There may be, there are, no doubt—original differences in different persons in the depth and in the quality of the intellectual mind, but in all ordinary cases, the practical success of the working of the mind depends, in by far the greatest degree, upon the care, the labour, the perfection of the machinery which is applied to it. Do I say that you can command success without difficulty? No, difficulty is the condition of success. "Difficulty is a severe instructor set over us by the supreme ordinance of a parental guardian and legislator who knows us better than we know ourselves, as he loves us better too. He that wrestles with us, strengthens our nerves, and sharpens our skill. Our antagonist is our helper. This amicable conflict with difficulty obliges us to an intimate acquaintance with our object, and compels us to consider it in all its relations. It will not suffer us to be superficial."

5. These are the memorable words of the first of philosophic statesmen—the illustrious Mr. Burke. Enter then into the amicable conflict with difficulty. Whenever you encounter it, turn not aside, say not "there is a lion in the path," resolve upon mastering it; and every successive triumph will inspire you with that confidence in yourselves, that habit of victory, which will make future conquests easy.

6. Practise the economy of time; consider time, like the faculties of your mind, a precious estate—that every moment of it, well applied, is put out to an exorbitant interest. I do not say, devote yourselves to unremitting labour, and forego all amusement; but I do say, that the rest of amusement itself, as the result of successful application, depends in a great measure upon the economy of time. If you will consider our faculties as the gift of nature, by far the first in value—if you will be persuaded, as you ought to be that they are capable of constant, progressive, and, therefore, almost indefinite improvement—that by arts similar to those by which magic feats of dexterity and bodily strength are performed, a capacity for the nobler feats of the mind may be acquired—the first the especial object of your youth, will be to establish that control over your own minds, and your own habits which shall ensure the proper cultivation of this precious inheritance.

From an Address to Glasgow Students—SIR ROBERT PELL.

Pronounce and spell—

au-thor'i-ty	guar'd-i-an	dif-fer-en-ces
car-nest-ness	a-mu'se-ment	in-cul-mi-ty
de-pend'-ent	dex-ter'i-ty	le-gis-la-tor
a'-ven-ues	cap-i'-ty	ex-act'o-ny
par-suit'	hu-mour-a-ble	in-ter-ru-pte
ex'-e-cute	ad-van'-ce	cap-a'-ci-ty
pre-sump'-tion	af-fu'-sion	buff'-fet-ter
prac'-ti-cal	cer'-tain-ty	per'-cep-tion
con-si'-der-a-tion	vi-gil-ance	con-si'-der-a-tion

1. Yes, if even what is called genius shall be denied to you, you have faculties of the which may be so improved by constant exercise and vigilance, that they shall supply the place of genius, and open to you brighter prospects of ultimate success than genius, unaided by discipline, can hope to attain. There may be—there are, no doubt—original differences in different persons, in the depth and in the quality of the intellectual mine; but in all ordinary cases, the precise success of the working of the mine depends, in by far the greatest degree, upon the care, the labour, the perfection of the machinery which is applied to it. But say that you can command success without difficulty? No; difficulty is the condition of success. "Difficulty is a severe instructor set over us by the supreme ordinance of a parental guardian and legislator who knows us better than we know ourselves as he loves us better too. He that wrestles with us, strengthens our nerves, and sharpens our skill—our antagonist is our helper. This unyielding conflict with difficulty obliges us to an intimate acquaintance with our idiosyncrasies, and compels us to consider it in all its relations. It will not suffer us to be superficial."

These are the memorable words of the first of ploughing statesmen the illustrious Mr. Louche. Enter them into the unyielding conflict with difficulty. Whenever you encounter it turn not aside, say not—there is a lion in the path—no lion upon mastering it and every successive triumph will inspire you with that confidence in your strength that leads to every which will make future success.

6. Practise the economy of time, consider time, like the faculties of your mind, a precious estate—that every moment of it, well applied, is put out to an exorbitant interest. I do not say, devote yourselves to unremitting labour, and forego all amusement; but I do say, that the zest of amusement itself, as the result of successful application, depends in a great measure upon the economy of time. If you will consider our faculties as the gift of nature, by far the first in value—if you will be persuaded, as you ought to be, that they are capable of constant, progressive, and, therefore, almost indefinite improvement—that by arts similar to those by which magic feats of dexterity and bodily strength are performed, a capacity for the nobler feats of the mind may be acquired—the first, the especial object of your youth, will be to establish that control over your own minds, and your own habits, which shall ensure the proper cultivation of this precious inheritance.

From an Address to Glasgow Students—SIR ROBERT PEEL

Pronounce and spell—

au-thor'-i-ty	guar'd-i-an	dis-fer-en-ces
e'ai-nest-ness	a-mu'se-ment	ma-chi'-ner-y
de-pend'-ent	dex-ter'-i-ty	le'-gis-la-tor
a'-ven-ues	cap-i-ties	e-con'-o-my
pur-suit'	ho'-nour-a-ble	in-def'-i-nite
ex'-e-cute	ad-van'ce	cap-a'-ci-ty
pro-sump'-tion	af-flu-ence	bus'-i-ness
prac'-ti-cal	cer'-tain-ty	pre'-cepts
con-di'-tion	vi'-gil-ance	e'-min-ence

4. Yes, if even what is called genius shall be denied to you, you have faculties of the mind which may be so improved by constant exercise and vigilance, that they shall supply the place of genius and open to you brighter prospects of ultimate success than genius, unaided by discipline, can hope to attain. There may be—there are, no doubt—original differences in different persons in the depth and in the quality of the intellectual mine, but in all ordinary cases, the practical success of the working of the mine depends, in by far the greatest degree, upon the care, the labour, the perfection of the machinery which is applied to it. Do I say that you can command success without difficulty? No, difficulty is the condition of success. "Inthickety is a severe instructor set over us by the supreme ordinance of a parental guardian and legislator who knows us better than we know ourselves, as he loves us better too. He that wrestles with us, strengthens our nerves, and sharpens our skill. Our antagonist is our helper. This amicable conflict with difficulty obliges us to an intimate acquaintance with our object, and compels us to consider it in all its relations. It will not suffer us to be superficial."

5. These are the memorable words of the first of philosophic statesmen—the illustrious Mr. Burke. Enter then into the amicable conflict with difficulty. Whenever you encounter it, turn not aside, say not "there is a lion in the path," resolve upon mastering it; and every successive triumph will inspire you with that confidence in yourselves, that habit of victory, which will make future conquests easy.

6. Practise the economy of time; consider time, like the faculties of your mind, a precious estate—that every moment of it, well applied, is put out to an exorbitant interest. I do not say, devote yourselves to unremitting labour, and forego all amusement; but I do say, that the rest of amusement itself, as the result of successful application, depends in a great measure upon the economy of time. If you will consider our faculties as the gift of nature, by far the first in value—if you will be persuaded, as you ought to be, that they are capable of constant, progressive, and, therefore, almost indefinite improvement—that by arts similar to those by which magic feats of dexterity and bodily strength are performed, a capacity for the nobler feats of the mind may be acquired—the first, the especial object of your youth, will be to establish that control over your own minds, and your own habits which shall ensure the proper cultivation of this precious inheritance.

From an Address to Glasgow Students—SIR ROBERT PEEL.

Pronounce and spell

au-thor'i-ty	guar'd-i-an	dis-fer-en-ces
car-nest-ness	a-mu'se-ment	in-ter-est
de-jur'e-nt	dox-ter'i-ty	h'ge-la-tor
a'-cu-re	cap-ti-ty	e-car'o-my
par-suit'	ho'-nour-a-ble	in-def-i-nite
ex'e-cute	ad-van-ee	ex-pan-si-ty
pre-sump-tion	af-fu-an-ee	half-fit-ty
pre-si-den-tial	ex-lam-ty	pre-si-gi-ty
con-si-d'ation	vi-gil-ance	a'-men-ty

doorway are so wasted that perhaps you cannot make out what they were meant to represent. This time-eaten character of old masonry is so familiar that one always looks for it in an old building, and when it is absent, one at once doubts whether the building can really be old. Again, in a burying-ground you see the tombstones more and more moulder'd, the older they are. But the decay is not confined to human erections. On the contrary, it goes on over the whole face of the world. Examine all the old buildings and pieces of sculpture within your reach. Look at the cliffs and ravines, the crags and watercourses, in your neighbourhood. At the base of each cliff you will probably find the ground cumbered with blocks and heaps of lesser fragments which have fallen from the rocks above, and after a frosty winter you may even find the fresh scar whence a new mass has been detached to add to the pile of ruins below. In spite of their apparent steadfastness, even the hardest stones are really crumbling down. In short, wherever rocks are exposed to the air, they are liable to decay.

3. Every drop of rain which falls upon the land helps to alter the surface. It is by the constant operation of the *chemical* action of rain, drop after drop, and shower after shower, for years together, that the rocks become so wasted and worn.

4. In the first place, a little *carbonic acid* is abstracted from the air by the rain water, and when this sinks under the earth, it is enabled by means of the acid to eat away some parts of the rocks beneath. The same action takes place with the rain which rests upon or

flows over the surface of the ground. The rain dissolves out, little by little, such portions of the earth as it can remove. In the case of some rocks, such as limestone, the whole, or almost the whole, of the mass of the rock is carried away in solution. In other kinds the portion dissolved is the cementing material whereby the mass of the rock was bound together, so that, when it is taken away, the rock crumbles into mere earth or sand which is readily washed away by the rain. Hence one of the causes of the mouldering of stone is the action of the carbonic acid taken up by rain.

5 In the second place, the oxygen of the portion of air contained in rain water helps to decompose rocks. When a piece of iron has been exposed for a time to the weather, in any damp climate or season, it rusts. You know how in the course of years, iron railings get quite eaten through, and how you can scrape the dirty yellow crust or powder from the corroded surfaces. This rust is a compound substance, formed by the union of oxygen with iron. It continues to be formed as long as any of the unruined iron remains, since, as each crust of rust is washed off, a new layer of iron is laid open to the attacks of oxygen. What happens to an iron railing or a street lamp, happens also, though not so quickly, nor so strongly, to many rocks. They, too, rust by absorbing oxygen. A crust of corroded rock forms on the surface, and, when it is knocked off by the rain, a fresh layer of rock is reached by the ever-present and active oxygen.

6. In the third place, the surface of many parts of the world is made to crumble down by means of *frost*. You are, no doubt, acquainted with some of the effects of frost. You have probably, heard that sometimes during winter, when the cold gets very keen pipes full of water burst, and jugs filled with water are cracked from top to bottom. The reason of this lies in the fact that water expands in freezing. Ice requires more space than the water would do if it remained fluid. When ice forms within a confined space, it exerts a great pressure on the sides of the vessel, or cavity, which contains it. If these sides are not strong enough to bear the strain to which they are put, they must yield, and then *crack*.

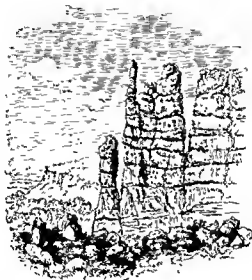
7. You have now learnt how easily rain finds its way through soil. Even the hardest rocks are more or less porous, and take in some water. Hence, when winter comes, the ground is full of moisture; not in the soil merely, but in the rocks. And so, as frost sets in this pervading moisture freezes. Now, precisely the same kind of action takes place with each particle of water, as in the case of the burst water pipe or the cracked jug. It does not matter whether the water is collected into some hole or crevice, or is diffused between the grains of the rocks and the soil. When it freezes it expands, and in so doing tries to push asunder the walls between which it is confined.

8. Hence arise some curious and interesting effects of frost upon the ground. If you walk along a road just after frost, you see that the small stones have been partly pushed out of their beds, and that the surface of

The soil is now a layer of fine mud. The frost separates the grains of sand and clay, as if they were pounded down in a mortar. Hence frost gets access to the furrow in breaking up the soil, opening it out for roots and blades of plants. When surface of rock has been well soaked with rain, and then exposed to frost, the grains of the rock under the same kind of pressure from the freezing of the water in the joints between them. They are not so loose and open however, as those of the soil are, and they withstand the action of the frost much better. Of course, the most porous rocks, or those which hold most water, are most liable to the effects of this action. Porous rocks, such as sand-stone, are often liable to rapid decay from frost. The stone has crust after crust peeled off from it, or its grains are loosened from each other and washed away by rain.

9 Again, water freezes, not only between the cement grains, but in the numerous crevices or joints, as they are called, by which rocks are traversed. You have, perhaps, noticed that on the face of a cliff, or in a quarry, the rock is cut through by lines running more or less in an upright direction, and that by means of these lines the rock is split up by nature, and can be divided by the quarryman into large four-sided blocks or pillars. These lines or joints form passages for water in descending from the surface. You can understand that only a very little water may 'ttered at a time into a joint. But by degrees widens a little, and allows more water to pass. Every time the water

push asunder the two sides of the joint. After many winters, it is at last able to separate them a little, then more water enters, and more force is exerted in



CRUMBING ROCK

freezing, until at last the block of rock traversed by the joint is completely split up. When this takes place along the face of a cliff, one of the loosened parts may fall off and actually roll down to the bottom of the precipice.

10. The kind of waste is explained in the accompanying diagram, which gives a section of a cliff with the rock disintegrated by perpendicular joints. The face has weathered along the front until large blocks have weathered off and have fallen to the ground. In countries exposed to severe winters, the waste comes in fronts along lines of deep chert is often enormous.

Pro nouns and spell

at tent'ive ly	ad u' tion	per pen dit' a lar
ma ter'ial	ox' y gen	us ual' er'ing
part' ules	cul' ures	per'ous
mi' ser' y	cor ru' pted	mon' e' ures
re pro' uent	per va' ding	cre' at' ure
e ro' sion	pre' cis' e ly	cu' r' tions
con' trary	in' ter' est' ing	di re' ction
ough' t' ures	com' p' u' ment	de' scend' ing
up' re' sent	com' p' le' tely	pre' cis' e
stead' fast' ness	ac com' pany' ing	build' ing

PART II

1. In addition to carbonic acid, oxygen, and frost, there are still other influences at work by which the surface of the earth is made to crumble. For example, when, during the day, rocks are highly heated by strong sunshine, and then during night are rapidly cooled by radiation, the alternate expansion and contraction of the stone, causing them to crumble away, making successive crusts of the stone fall off.

Again, rocks which are at one time well soaked with rain, and at another time are liable to be dried by the sun's rays and by wind, are apt to crumble away.

2. And thus you see that from a variety of causes the solid rocks of the earth are liable to continual decay and removal. The hardest stone, as well as the softest, must yield in the end and moulder down. They do not all, indeed, decay at the same rate. If you look more narrowly at the wall of an ancient building you will see almost every variety in the degree of decay. Some of the stones are hardly worn at all, while others are almost wholly gone. As this takes place in building, you may be sure it must take place also in nature, and that cliffs or crags formed of one kind of stone will crumble down faster than others, and will do so in a different kind of way.

3. Besides its *chemical* action, rain has also *mechanical* action. Watch what happens when the first pattering drops of a shower begin to fall upon a smooth surface of sand, such as that of a beach. Each drop makes a little dint or impression. It thus forces aside the grains of sand. On sloping ground where the drops can run together and flow downward they are able to push or carry the particles of sand or clay along. This is called a *mechanical* action, while the actual solution of the particles, as you would dissolve sugar or salt, is a *chemical* action. Each drop of rain may act in either or both of these ways.

4. Now you will readily see how it is that rain does so much in the destruction of rocks. It not only dis-

olves out some parts of them, and leaves a crumbling crust on the surface, but it washes away this crust, and thereby exposes a fresh surface to decay. There is in us way a continual pushing along of powdered stone over the earth's surface. Part of this material accumulates in hollows, and on sloping or level ground; part swept into the rivers, and carried away into the sea. 5. It is this crumbled stone of which all our soils are le, mingled with the remains of plants and animals. s differ, therefore, according to the kind of rock of which they have been formed. Sandstone, example, will give rise to a sandy soil; limestone limy or calcareous soil; clay rocks to a clayey soil. But for this crumbling of the rocks into soil, the would not be covered with verdure as it is. Parts of undecaying stone would give no footing for ots of plants. But by the decay of their surface, et covered with fertile soil, all over the valleys lains, and only where, as in steep banks and they rise too abruptly to let their crumbled s gather round them, do they stand up naked dureless.

As the mouldering of the surface of the land is going on, there is a constant formation of soil. If this were not the case, if, after a layer of soil formed upon the ground, it were to remain moved and unrenewed, the plants would by ke out of it all the earthy materials they leave it in a barren or exhausted state. But is being slowly carried away by rain, fresh rom mouldering rocks are washed over it by

the same agent, while the rock or sub-soil underneath is all the while decaying into soil. The loose stones, too, are continually crumbling down and making new earth. And thus, day by day, the soil is slowly renewed.

8. Plants, also, help to form and renew the soil. They send their roots among the grains and joints of the stones, and loosen them. Their decaying fibres supply most of the carbonic acid by which these stones are attacked, and furnish also most of the organic matter in the soil. Even the common worms which you see when you dig up a spadeful of earth, are of great service in mixing the soil and bringing what lies underneath up to the surface.

9. When we think about this decay and renewal of soil, we see that in reality the whole surface of the land may be looked upon as travelling downward or seaward. The particles worn from the sides and crests of the high mountains may take hundreds or thousands of years on the journey; they may be for a long time on the slopes; they may then be swept down and form part of the soil of the valleys; thence they may be in after years borne away and laid down on the bed or bank of a river, and thus, after many halts by the way, they at last reach the sea.

10. In order to form some idea of the extent to which the surface of the land is cleared of its loose soil by rain, you should notice what takes place after every series of heavy showers. Each little runnel and brook becomes muddy and discoloured from the quantity of soil, that is, decayed rock, which is washed into it by the rain from the

neighbouring slopes. The mud which darkens the water is made of the finer particles of the decomposed rocks; the coarser parts are moving along at the bottom of the water. When you watch these streamlets at their work, and when you remember that what they are doing now, they have been doing for ages past, you will understand how greatly the surface of a country may come to be changed by the action of what at first seems so insignificant a thing as Rain.

PROFESSOR ARCHIBALD GEIKIE (adapted).

Pronounce and spell—

car-bon'-ic

chem'-ic-al

al-ter'-nate

in'-flu-en-ce

ra-di-a'-tion

con-tin'-u-al

re-mo'-v-al

des-truc'-tion

cal-cu'-e-ous

ex-haust'-ed

im-pas'-sion

ac-cu'-mul-a-ted

un-re-ue'-wed

Lesson XXXVI

THE THREE WARNINGS

1. THE tree of deepest root is found
Least willing still to quit the ground;
Twas therefore said by ancient sages,
That love of life increased with years
So much, that in our later stages,
When pains grow sharp, and sickness rages,
The greatest love of life appears.

This great affection to believe,
Which all confess but few perceive,
If old assertions can't prevail,
Be pleased to hear a modern tale.

2. When sports went round, and all were gay,
On neighbour Dodson's wedding day,
Death called aside the jocund groom
With him into another room,
And, looking grave,—“You must,” says he,
“Quit your sweet bride, and come with me”
“With you!” and quit my Susan's side?
With you!” the hapless husband cried,
“Young as I am, 'tis monstrous hard!”
Besides, in truth, I'm not prepared
My thoughts on other matters go
This is my wedding-day, you know.”

3. What more he urged, I have not heard
His reasons could not well be stronger,
So death the poor delinquent spared
And left to live a little longer
Yet, calling up a serious look,
His hour-glass trembled while he spoke—
“Neighbour,” he said, “farewell!” no more
Shall Death disturb your mirthful hour
And farther, to avoid all blame
Of cruelty upon my name,
To give you time for preparation
And fit you for your future station,

Three several warnings you shall have,
 Before you're summoned to the grave;
 Willing for once, I'll quit my prey,
 And grant a kind reprieve;
 In hopes you'll have no more to say,
 But, when I call again this way,
 Well pleased the World will leave,"
 To these conditions both consented,
 And parted perfectly contented

4. What next the hero of our tale befall,
 How long he lived, how wise, how well,
 How roundly he pursued his course,
 And smoked his pipe, and stroked his horse,
 The willing Muse shall tell.
 He chaffered, then he bought and sold
 Nor once perceived his growing old,
 Nor thought of Death as near
 His friends not false his wife no shrew,
 Many his guns, his children few,
 He passed his hours in peace
 But while he viewed his wealth no trace,
 While thus along life's dusty road,
 The latent track content he trod,
 His time whose hide no mortal spans,
 He sold unthought unawares
 Bought a box eight shillings year
 And now one night in musing mood,
 As all is in the air
 The everlast messenger of fate
 His name the king had sent

5. Half-killed with anger and surprise,
"So soon returned!" old Dodson cries
"So soon, d'ye call it?" Death replies,
"Surely, my friend, you're but in jest!
Since I was here before
Tis six and thirty years at least,
And you are now fourscore"
6. "So much the worse," the clown rejoined;
"To spare the aged would be kind
Beside, you promised me Three Warnings,
Which I have looked for nights and mornings,
But for that loss of time and ease,
I can recover damages."
7. "I know," cries Death, "that at the best,
I seldom am a welcome guest,
But don't be captious, friend, at least,
I little thought you'd still be able
To stump about your farm and stable.
Your years have run to a great length,
I wish you joy, though, of your strength!"
8. "Hold," says the farmer, "not so fast!
I have been lame these four years past."
"And no great wonder," Death replies:
"However, you still keep your eyes,
And sure, to see one's loves and friends,
For legs and arms would make amends."
"Perhaps," says Dodson, "so it might,
But latterly I've lost my sight."

5. Half-killed with anger and surprise,
 "So soon returned!" old Dodson cries.
 "So soon, d'ye call it?" Death replies:
 "Surely, my friend, you're but in jest!
 Since I was here before

'Tis six and thirty years at least,
 And you are now fourscore."

6. "So much the worse," the clown rejoined;
 "To spare the aged would be kind.
 Beside, you promised me Three Warnings,
 Which I have looked for nights and mornings
 But for that loss of time and ease,
 I can recover damages."

7. "I know," cries Death, "that at the best,
 I seldom am a welcome guest,
 But don't be captious, friend, at least,
 I little thought you'd still be able
 To stump about your farm and stable.
 Your years have run to a great length,
 I wish you joy, though, of your strength."

8. "Hold," says the farmer, "not so fast!
 I have been lame these four years past."
 "And no great wonder," Death replies.
 "However, you still keep your eyes,
 And sure, to see one's loves and friends,
 For legs and arms would make amends."
 "Perhaps," says Dodson, "so it might,
 but latterly I've lost my sight."

established, all that remained for them to do, was to act up to the dignity of the character, and as this dignity consisted in reading nothing new, in forgetting what they had already read, and in pretending to be acquainted with all subjects by a sort of off-hand exertion of talents, they soon collapsed into the most frivolous and insignificant of men.

2. It would be an extremely profitable thing to draw up a short and well-authenticated account of the habits of study of the most celebrated writers with whose style of literary industry we happen to be most acquainted. It would go very far to destroy the absurd and pernicious association of genius and idleness, to show that the greatest poets, orators, statesmen, and historians—men of the most brilliant and imposing talents—have actually laboured as hard as the makers of dictionaries and the arrangers of indexes, and that the most obvious reason why they have been superior to other men is, that they have taken more pains than other men.

3. Gibbon was in his study every morning, winter and summer, at six o'clock, Burke was the most laborious and indefatigable of human beings, Leibnitz was never out of his library; Pascal killed himself by study, Cicero narrowly escaped death by the same cause, Milton was at his books with as much regularity as a merchant or an attorney; he had mastered all the knowledge of his time; so had Bacon. Raphael lived but thirty-seven years, and in that short space carried his art so far beyond what it had before reached, that he appears to stand alone as a model to his successors.

the use of so much knowledge? What is the use of so much life? What are we to do with the seventy years of existence allotted to us? and how are we to live them out to the last? I solemnly declare that, but for the love of knowledge, I should consider the life of the meanest hedger and ditcher as preferable to that of the greatest and richest man in existence; for the fire of our minds is like the fire which the Persians burn on the mountains; it flames night and day, and is immortal, and not to be quenched. Upon something it must act and feed,—upon the pure spirit of knowledge, or upon the foul dregs of polluting passions.

7. Therefore, when I say, in cultivating your understanding, love knowledge with a great love, with a vehement love, with a love coeval with life, what do I say but love innocence, love virtue, love purity of conduct; love that which, if you are rich and great, will sanctify the blind fortune which has made you so, and make men call it justice, love that which, if you are poor, will render your poverty respectable, and make the proudest feel it unjust to laugh at the meanness of your fortunes, love that which will comfort you, adorn you, and never quit you,—which will open to you the kingdom of thought, and all the boundless regions of conception, as an asylum against the cruelty, the injustice, and the pain, that may be your lot in the outer world,—that which will make your motives habitually great and honourable, and light up in an instant a thousand noble disdains at the very thought of meanness or of fraud?

3. *Prophetic*. — If any young man has embarked his life
 in pursuit of knowledge, let him go on without doubt-
 ing or fearing the event: let him not be intimidated
 by the thousand temptations of Knowledge, by the
 darkness from which she springs, by the want and sorrow which
 attend her, by the trials which she sends him, and as the
 Angel that guards him, and as the Angel that leads him out at last into
 the light of day and exhibits him to the world, com-
 plete in acquirements, fertile in resources, rich in
 imagination strong in reasoning, prudent and powerful
 above his fellows in all the relations and in all the
 offices of life.

SYDNEY SMITH.

Prophetic and of all

g' in us	o' r a-tors	i'n-sh-gent
ted la' p'ed	hu-to' rians	hu-mil-i-ty
an-the'n-tu-a ted	sh' tions-ar-ies	ra'n-sacked
o' t' e-lu-ted	o' t' i-ous	ac-cu'-nu-li-ted
lit'er-ar-y	li-to'r-ious	mun-i'f-i-cent
ac-quaint-ed	at-to'r-ney	sug-g'e'st
as-su-a'-tion	co'n-trary	des-c'nd-ing
in-ti'm-i-lated	in-c'e's-sant	a-sy'-lum

the white man can have no right, on account of his colour to enslave and tyrannise over the black man, any more than a tall man, on account of his size, has any legal right to trample a dwarf under foot.

Now if among men, the difference of their powers of mind, of their complexion, stature, and the accidents of fortune, do not give to any one man a right to abuse or insult another man on account of these differences,—for the same reason a man can have no just or natural right to abuse and torment a beast, merely because it has not the mental powers of a man. For such as man is, he is but as that made him, and the very same is true of the beast. Neither can he claim to any intrinsic merit for being such as they are, for before they were in existence, it was impossible that either could deserve distinction; and at the moment of their creation, their bodily shapes, perfections, and defects, were invariably fixed, and their limits appointed, which they cannot pass. And being such, neither more nor less than they were created, there is no more demerit in animals being animals, than in man being man.

5. An animal is no less sensible of pain than a man. He has similar nerves and organs of sensation; and his cries and groans in case of violent impressions upon his body, though he cannot utter his complaints by speech, are such indications of his sensibility of pain as it is impossible to misunderstand.

6. The difference of height or colour among men, the difference in their susceptibility of pain, the shape of the animal exempt him from

the sense of feeling. And if the difference of complexion or stature does not give one man a right to despise or torment another, the difference of shape between a man and a beast cannot authorise man to abuse or torment the brute creature, however insignificant and however formed.

7. In cases of cruelty from man to man, the sufferer has a tongue to complain, and a finger to point out the oppressor, all men unite in condemning the inhumanity, and demand the punishment of the offender. But the poor defenceless animal, bird, fish, or insect can neither utter his complaint, nor describe the author of his wrong.

8. In the case of human cruelty, there are laws and courts of justice in every civilised country, to which the injured man may make his appeal, demanding redress; but no friend, no advocate, is to be found among the brute creation, to prefer an indictment on behalf of an injured animal against the tyranny of man.

9. In various ways man may make amends to man for wrongs done to him, the sufferer's wants may be relieved, his fortunes advanced, and he may be rendered, by the repentance of his oppressor, happier than he was before. But where is the recompense to be found for a wretched animal, if through passion or sportive cruelty man has inflicted torment on him, broken his limbs, or deprived him of his eyesight or other comforts? He wants not man's money nor his clothes. Man can remove him to no other station but that in which Providence has placed him, the voice of man's compassion he cannot understand. By destroying his

formly withheld from the lowest classes, and the continual appeal made to them, in public discussion, upon the greatest interests of the state. These are undoubtedly among the circumstances which endear to Englishmen their government and their country, and animate their zeal for that glorious institution which confers on the meanest of them a sort of distinction and nobility unknown to the most illustrious slaves, who tremble at the frown of a tyrant.—SIR JAMES MACKINTOSH

[To be learnt by heart.]

WHAT constitutes a State ?

Not high-raised battlement, or laboured mound,
Thick wall, or moated gate,
Not cities proud, with spires and turrets crowned,
Not bays and broad-armed ports,
Where, laughing at the storm, proud navies ride
Nor starred and spangled courts,
Where low-browed Baseness wafts perfume to Pride ;
No ! men, high-minded men,
With powers as far above dull brutes endued,
In forest, brake, or den,
As beasts excel cold rocks and brambles rude
Men, who their duties know,
But know their rights, and, knowing, dare maintain !

Sir WILLIAM JONES.

Pronounce and spell—

po-lit'-i-cal	un-doubt'-ed-ly	con'-stit-ute
u'-ni-form-ly	no-tal'-i-ty	brambles

Printed by R. & R. CLARK, Edinburgh

Macmillan & Co.'s Text-Books for Indian Schools.

READING

Series of Six English Reading Books for Indian Children. By F. C. BURTON, Revised by Sir ROBERT LYTTON, M.C.I.E. Book I, Second Edition, 6d., Newari Edition, 3d.; Fourth Edition, 3d. Book II, 6d., Book III, 3d., Book IV, 1s., Book V, 1s. 3d., Book VI, 1s. 3d.

The Orient Readers: A Series of Illustrated English Reading Books, Specially prepared for Native Children in India. By Prof. H. H. MONROE. Crown 8vo. [Nov. 1891]

Primer, Readers I, II, III, IV, V. (Ready.)

Book VI 1s. (Ready.)

Notes on Book VI 1s.

ENGLISH GRAMMAR

Primer of English Grammar. By Rev. R. MONROE, LL.D. 18mo. Paper Covers, 10d. Cloth, 1s.

Exercises on Morris's Primer of English Grammar. By J. WALKER, M.A. 18mo. 1s.

English Grammar Exercises. By R. MONROE, LL.D., and H. C. DOWEN, M.A. 18mo. 1s.

Elementary Lessons in Historical English Grammar, containing Accidence and Word Formation. By the Rev. R. MONROE, LL.D. 18mo. 2s. 6d.

Primer of English Composition. By Prof. MONROE. 18mo. 1s.

Questions and Exercises on the Above. By Prof. MONROE and W. B. MCCORMICK, M.A. 18mo. 1s.

ENGLISH LITERATURE

Primer of English Literature. By Rev. STRENGTH BROOKS, M.A. 18mo. 1s.

Easy Selections from Modern English Literature. For the use of the Middle Classes in Indian Schools. With Notes. By Sir ROBERT LYTTON, M.C.I.E. Crown 8vo. 1s. 6d.

Selections from Modern English Literature. For the use of the Higher Classes in Indian Schools. By Sir ROBERT LYTTON, M.C.I.E. Crown 8vo. 2s. 6d.

Primer of Philology. By J. PAUL, LL.D. 18mo. 1s.

Primer of Shakespeare. By Prof. DOWEN. 18mo. 1s.

Children's Treasury of Lyrical Poetry. Selected by Prof. F. T. PALGRAVE. In two parts. 1s. each, or in one vol. 2s. 6d.

A Book of Golden Deeds of all Times and all Countries. Gathered and Narrated anew by CHARLOTTE M. YENCKE. 3s.

A Book of Worthies. By CHARLOTTE M. YENCKE. 18mo. 1s. 6d.

Goldsmith—The Traveller and The Deserted Village. With Notes, Philological and Explanatory. By J. W. HARRIS, M.A. Crown 8vo. 6d.

Goldsmith—The Vicar of Wakefield. With a Memoir of Goldsmith. Edited by Prof. MONROE. Globe 8vo. 1s.

Lamb's Tales from Shakespeare. Edited, with Preface, by the Rev. A. ASHLEY, M.A. Globe 8vo. 2s.

See also English Classics for Indian Students.

HISTORY.

The World's History. Compiled under the direction of Sir ROBERT LYTTON, M.C.I.E. Crown 8vo. 1s.

Easy Introduction to the History of India. By Sir ROBERT LYTTON, M.C.I.E. Crown 8vo. 1s. 6d.

Printed by R. & R. CLARK, Edinburgh

Macmillan & Co.'s Text-Books for Indian Schools

READING.

Series of Six English Reading Books for Indian Children. By P. C. BURGESS, B.A., by Sir HENRY LAMONTAGUE, K.C.I.E. Book I, Bengali Edition, 4d.; 1st Edition, 4d.; Persian Edition, 4d. Book II, 4d.; Book III, 4d.; Book IV, 4d.; Book V, 1s. 2d.; Book VI, 2s. 6d.
The Orient Readers: A Series of Illustrated English Reading Books, Specimens prepared for Native Children in India. By Prof. KEMP ROBERTSON. Crown [Nov. 1898]
Book VII, 2s.
Notes on Book VI 1s.

ENGLISH GRAMMAR

Primer of English Grammar By Rev. R. MERRILL, LL.D. 18mo. Paper Covers, Cloth, 1s.
Exercises on Merrill's Primer of English Grammar By J. WETHERILL, M.A. 18mo. 1s.
English Grammar Exercises. By R. MERRILL, LL.D., and E. C. BOWEN, M.A. 18mo. 1s.
Elementary Lessons in Historical English Grammar, containing Accidence & Word-Formation. By the Rev. R. MERRILL, LL.D. 18mo. 2s. 6d.
Primer of English Composition. By Prof. NICHOL. 18mo. 1s.
Questions and Exercises on the Above By Prof. NICHOL and W. B. MCCORMACK. 18mo. 1s.

ENGLISH LITERATURE.

Primer of English Literature. By Rev. STEPHEN BRUCE, M.A. 18mo. 1s.
Easy Selections from Modern English Literature. For the use of the Middle Classes in Indian Schools. With Notes. By Sir HENRY LAMONTAGUE, K.C.I.E. Crown 2s. 6d.
Selections from Modern English Literature. For the use of the Higher Classes in Indian Schools. By Sir HENRY LAMONTAGUE, K.C.I.E. Crown 2s. 6d.
Primer of Pathology. By J. FARRIS, LL.D. 18mo. 1s.
Primer of Shakespeare. By Prof. DOWSON. 18mo. 1s.
Children's Treasury of Lyric Poetry. Selected by Prof. F. T. PALGRAVE. In two parts. 1s. each, or in one vol. 2s. 6d.
A Book of Golden Deeds of All Times and all Countries. Gathered and Narrated anew by CHARLOTTE M. TORREY. 2s.
A Book of Wonders. By CHARLOTTE M. TORREY. 18mo. 2s. 6d.
Goldsmith—The Traveller and The Deserted Village. With Notes, Philological and Explanatory. By J. W. HALL, M.A. Crown 2s. 6d.
Goldsmith—The Vicar of Wakefield. With a Memoir of Goldsmith. Edited by Prof. MASON. Globe 2s. 6d.
Lamb's Tales from Shakespeare. Edited, with Preface, by the Rev. A. SINGER. M.A. Globe 2s. 6d.

See also English Classics for Indian Students.

HISTORY.

The World's History. Compiled under the direction of Sir HENRY LAMONTAGUE, K.C.I.E. Crown 2s. 6d.
Easy Introduction to the History of India. By Sir HENRY LAMONTAGUE, K.C.I.E. Crown 2s. 6d.

Text-Books for Indian Schools—continued.

- A Short Manual of the History of India.** With an account of India as it is, the Soil, Climate and Productions, the People, their Rites, the Government, Public Works, and before us the Plan, Revenue and System of Administration. By Sir ROBERT L. SIMON, K.C.I.E. With Maps. Crown 8vo. 2s.
- A Short History of India.** Embracing the History of the Three Frontier States, Afghanistan, Nepal, and Burma. By J. TAYLOR WARRICK. With Maps. Crown 8vo. 2s.
- College History of India.** Ancient and Modern. By the same author. Crown 8vo. 2s.
- A Primer of Indian History.** By the same. 18mo. 1s.
- History of England.** Classified under the direction of Sir ROBERT LINTON, K.C.I.E. Crown 8vo. 2s.
- A History of England for Beginners.** By ANNEA R. BUCKLEY. With Maps and Chronological and Genealogical Tables. Globe 8vo. 2s.
- History of England.** By JOHN TAYLOR. With Maps. 18mo. 2s.

GEOGRAPHY

- Geography Primer.** By Sir GEORGE G. COOPER, D.C.L. 18mo. 1s.
- Class Book of Geography.** By C. R. CLARKE, F.R.S. New Edition, 1892, with 18 Coloured Maps. 8vo. 2s.
- A Geographical Reader and Companion to the Atlas.** By C. R. CLARKE, F.R.S. Crown 8vo. 2s.
- The Teaching of Geography.** A Practical Handbook for the use of Teachers. By Sir ARTHUR G. COOPER, F.R.S. Crown 8vo. 2s.
- Elementary General Geography.** By HENRY ROBERT MILL, D.Sc., Edinburgh. With Illustrations. Crown 8vo. 2s.
- Geography of India.** By H. F. CLARKE, F.R.S. Crown 8vo. 2s.

HISTORY AND GEOGRAPHY OF BENGAL

- Easy Introduction to the History and Geography of Bengal.** By Sir ROBERT LINTON, K.C.I.E. Crown 8vo. 1s.

ARITHMETIC.

- Easy Arithmetical Exercises for Beginners.** By J. Q. BROOKHART, B.A. Globe 8vo. Without Answers, 1s. With Answers, 2s.
- Arithmetic for Schools.** By Rev. HAROLD SMITH, M.A. Crown 8vo. 2s.
- Arithmetic.** With Answers. For Indian Students. By HAROLD SMITH, M.A. 18mo. 2s.
- Working Book of Arithmetic.** By Rev. HAROLD SMITH, M.A. 18mo. cloth. Or separately. Part I, 2d.; Part II, 3d.; Part III, 7d. Answers, 6d. With Answers, 1s. 6d. Key, 18mo. 6d.
- Arithmetic for Schools.** By Rev. J. H. LOCK, M.A. Globe 8vo. 2s. 6d. Key, 10s. 6d.
- Lock's Arithmetic for Schools.** Edited for Indian Students, by Prof. T. C. LARSEN, M.A. Globe 8vo. 2s. 6d.
- Arithmetic for Beginners.** By Rev. J. H. LOCK. Globe 8vo. 2s. 6d. Key, 6d.
- Working Book of Arithmetic for Elementary Schools.** By Rev. J. H. LOCK, M.A. 18mo. 1s. With Answers, 1s. 6d.
- Arithmetic in Theory and Practice.** By J. BROOKHART, M.A., LL.B. 2s. 6d. Key, 1s. 6d.
- Lessons in Arithmetic.** By the Rev. T. DALRYMPLE, M.A. Answers in the Appendix. 18mo. 1s. 6d.
- Arithmetic for the Use of Schools.** With more than 7000 Examples, 6d., or in Two Parts, 2s. 6d. each.
- Exercises and Examination Papers.** By H. R. HALL, M.A., and S. R. A. Globe 8vo. 2s. 6d.

Text-Books for Indian Schools—continued.

ALGEBRA.

- Algebra for Beginners.** By I. TOMES, F.R.S. 1880. Paper Covers, 2s. 3d.
Cloth, 2s. 6d. Key, 6s. 6d.
- Elementary Algebra for Schools.** By H. S. HALL, M.A., and S. R. KNIGHT, B.A.
Fourth Edition, revised and enlarged. Globe 8vo. Without Answers, 3s. 6d., with
Answers, 4s. 6d. Key, 7s. 6d.
- Algebraical Exercises and Examination Papers.** To accompany Elementary
Algebra. By same Authors. Second Edition. 2s. 6d.
- Elementary Algebra.** By CHARLES SMITH, M.A. New Edition. Revised. Globe
8vo. 4s. 6d. Key, 12s. 6d.

EUCLID

- The Elements of Euclid.** By I. TOMES, F.R.S. 1880. 2s. 6d. Key, 6s. 6d.
Books I-IV, 2s.; Books I and II, 1s.
- A Text-Book of Euclid's Elements.** By H. S. HALL, M.A., and F. H. STEVENSON, M.A.
Globe 8vo. Book I, 1s.; Books I and II, 1s. 6d.; Books I-IV, 3s., sewed, 2s. 6d.
Books V, VI, and XI, 2s. 6d.; Books I-VI and XI, 4s. 6d. (Key Nov. 1891)

MENSURATION

- Mensuration for Beginners.** By I. TOMES, F.R.S. 1880. 7s. 6d.
- Elementary Mensuration and Land Surveying.** For Indian Students. By the same
1880. 1s. Paper Covers, 1s.

SCIENCE.

- Introductory Science Primer.** By THOMAS HENRY HUXLEY, F.R.S. 1880. 1s.
[Prescribed by the University of Calcutta for the Entrance Examination.]
- Primer of Astronomy.** By J. N. LOCKYER, F.R.S. 1880. Paper covers, 10d. Cloth
1s. [Prescribed by the University of Bombay for Matriculation.]
- Primer of Botany.** By Sir J. D. HOOKER, C.B., F.R.S. 1880. 1s.
- First Book of Indian Botany.** By DANIEL OLIVER, F.R.S. With numerous illustrations.
Cloth. Extra fcap. 8vo. 4s. 6d.
- Primer of Chemistry.** By Sir HENRY ROSCOE, F.R.S. 1880. 1s. [Prescribed by
the Universities of Bombay and Madras.]
- Primer of Geology.** By Sir ARCHIBALD GEIKIE, F.R.S. 1880. 1s.
- Primer of Logic.** By W. STANLEY JEVONS, F.R.S. 1880. 1s.
- Primer of Physical Geography.** By Sir A. GEIKIE, F.R.S. 1880. 1s. [Prescribed
by the University of Calcutta for the Entrance Examination.]
- Bengal Translation of Prof. Geikie's Physical Geography Primer.** By JOSEPH
CHANDRA DATTA, M.A. Globe 8vo. 1s.
- Physical Geography.** For Indian Students. By H. F. BLISSARD, F.R.S. Crown
8vo. 2s. 6d. [Prescribed for many years by the University of Calcutta for the
Entrance Examination.]
- Primer of Physics.** By DAVID S. STEWART, F.R.S. 1880. 1s. [Prescribed by U.
Universities of Madras (for Matriculation) and Calcutta (for the First Art
Examination).]
- Bengal Translation of Prof. Balfour Stewart's Primer of Physics.** By HANMUKH
BHANDARI TRIVEDI, M.A. 12s. 6d.
- Primer of Physiology.** By MICHAEL FOSTER, F.R.S. 1880. 1s.
- Primer of Political Economy.** By W. S. JEVONS, F.R.S. 1880. 1s.

MACMILLAN AND CO., LONDON.

